



UK OWNED
UK MANUFACTURER



THE ULTIMATE GUIDE TO CABLE MANAGEMENT

 **REASSURINGLY
RECYCLED**

NO 1

FOR CABLE MANAGEMENT

PVC-U TRUNKING & CONDUIT | METAL TRUNKING, LADDER & TRAY | POWERPOLES & POSTS | UNDERFLOOR TO DESK | GRP LADDER & TRAY

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PVC-U perimeter trunking systems

Multi-compartment dado and skirting trunking in different sizes, designs and cable capacities to suit all installation requirements.

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Mini and Maxi trunking

A range of mini and maxi trunking options for a variety of installations.

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Accessory boxes, plates and enclosures

A full range of boxes, plates and enclosures for trunking and conduit systems.

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PVC-U conduit and channel

Round and oval PVC-U conduit, channel and fittings

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Bendex cable management

An economical, affordably priced range including PVC-U trunking, conduit, cable protection guard and accessory boxes.

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Aluminium trunking systems

Multi-compartment dado, skirting and bench trunking, for installations where a mechanically robust trunking and high quality of screening performance is required.

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Multi-compartment dado and skirting systems with first class fire performance and excellent screening capability.

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Tufflex Tile

A quick and easy pattress solution that takes the hassle out of traditional ceiling installations.

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MT Supertube

An LSOH, three layer, heavy gauge conduit offering considerable installation time savings.

PowerPoles and PowerPosts

Elegant solutions for managing services to island work stations.

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GRP ladder and tray

Light weight and easy to install alternatives to steel ladder, tray, duct and basket.

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Rated to IP4X with a simple hexagonal turnbuckle fixing system.

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Slotted and plain metal strut to provide a versatile framework and bracket support solution.

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Metal Cable Ladder

The ideal solution for routing heavy duty cables in large areas that have wide spacing between supports.

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A comprehensive range of wire basket solutions for the simple routing of power and data cables.

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Metal cable tray

Ideal for the support of power and data cables in commercial and industrial installations.

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PVC cable tray

A lightweight support system for the routing of power and data cables ideally suited to outdoor environments.

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CABLE MANAGEMENT SPECIALISTS



Marshall-Tufflex is the UK's leading manufacturer and supplier of cable management solutions for commercial, industrial, healthcare, education and domestic markets.

Based in Hastings, East Sussex the company was established in 1942 and is recognised throughout the industry for quality, consistency, reliability, value for money and innovation.

We are extremely proud of our heritage as a family owned company and our priority for the future is to re-invest and continue producing new and effective solutions for the building industry.



REASSURINGLY RECYCLED

We work hard to ensure our products meet the highest standards and are totally committed to the environment and maximising our usage of recycled plastic within our manufacturing process.

Charitable donations

Marshall-Tufflex is an established supporter of charity, donating almost half a million pounds over the last five years alone.

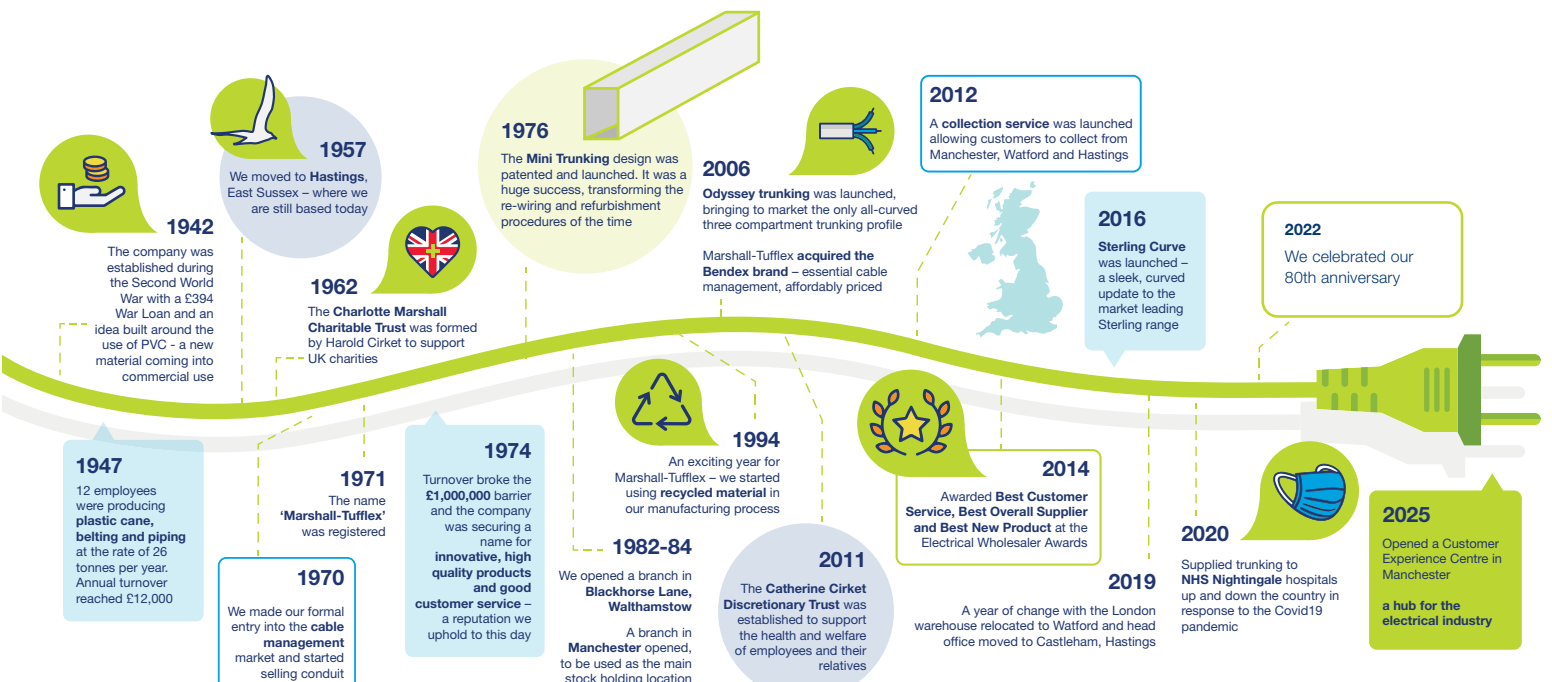
Our philanthropic spirit is part of our heritage and ingrained into the culture and we are very proud to support local and national charities through regular staff fundraising efforts and company donations.

In 1962 our Company founder Harold Cirket, established a charitable trust, the Charlotte Marshall Charitable Trust, which the company still supports today through a mix of dividend payments and donations.



ALL YOUR CABLE MANAGEMENT NEEDS IN ONE PLACE

With everything from Cable Tray to Underfloor Systems and Wire Basket to trunking in PVC-U, aluminium, GRP or steel we can supply all your cable management needs - from one place.



First class customer service

Our Area Sales Managers, Specification Managers and technical specialists work closely with consultants, contractors and clients in order to provide the best possible technical and sales support.

Our Customer Service Team are on hand to advise on stock availability, lead times, delivery schedules and order fulfilment.

Our office opening hours are 8:30am to 5:00pm Monday to Friday.



Buying Marshall-Tufflex products

Marshall-Tufflex products are available throughout the UK via a large network of national and independent electrical wholesalers.

Please contact our Customer Service Team on +44 (0)1424 856600 for details of your local UK stockist or visit www.marshall-tufflex.com

Our products are also in over 55 different countries worldwide via our network of channel partners, who maintain a range of products for their customers locally.



Collection service*

Our popular collection service gives our UK customers an unrivalled two-hour turnaround on product orders, allowing collection from our dedicated collection point in Manchester. Orders can also be collected next day from our Watford and Hastings depots.



Manchester: Europa Trading Estate, *Monday – Friday* 8am – 5pm
Stoneclough Road, Radcliffe,
Manchester M26 1GG

Watford: Unit 4 Trade City, *Monday – Friday* 8am – 2pm
Thomas Sawyer Way, Watford WD18 0EZ

Hastings: 55-65 Castleham Road, *Monday – Friday* 8am – 5pm
Hastings TN38 9NU

- Orders can be collected two hours after order placement from Manchester.
- Orders placed by 12.30pm can be collected the next day from our Watford and Hastings depots.

* Subject to stock availability

Distributor orders

Orders can be placed online or by email with our Customer Services Team. Goods will be delivered on your next scheduled delivery day, subject to availability, providing your order is received before the daily cut-off time of 12.30pm.

FOR NEXT DAY DELIVERY
**ORDER BY
12:30PM**

Send your order to us at:

✉ sales@marshall-tufflex.com

Direct to site deliveries

If you need your order delivered directly to site, our Customer Service Team will be happy to arrange this for you.

Carriage charges apply if minimum order value is not met.

Order online



Account holders can place stock orders quickly and easily online via a unique login with customised terms and pricing built in. Contact our customer services team to set up an online login (this service is available to UK customers only).

TECHNICAL SUPPORT

Our Technical Team consists of qualified electricians, and technical experts with many years experience of cable management installations including an understanding of the regulations and compliancy to standards.

The team can advise on a wide range of solutions and technical issues, product standards, data cabling control and Part M compliancy.

We aim to complete all standard quotes within one working day, although more complex quotations such as 'take offs' can take longer.

BIM (Building Information Modelling)



BIM (Building Information Modelling) brings together all of the digital information for every component of a building in one place allowing anyone to access that data. BIM data can be used and shared to illustrate the entire building life-cycle, from feasibility, design, during construction and throughout its working life.

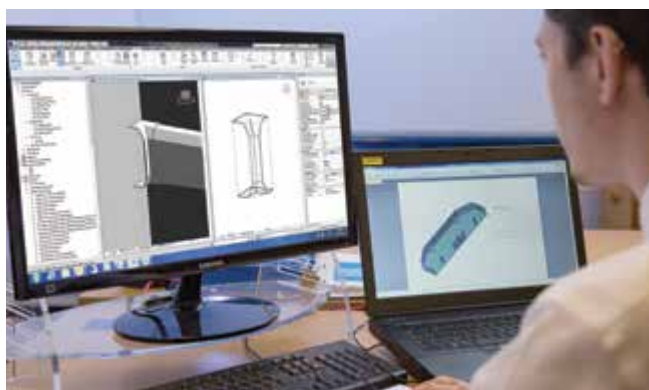
3D Autodesk Revit models are available to download for Marshall-Tufflex products, with the necessary technical product data for them to be easily specified and integrated into a construction project.

Visit www.marshall-tufflex.com/bim or www.thenbs.com

Standards

BSI Standards

Marshall-Tufflex is committed to excellence and is recognised by the BSI as a firm of Assessed Capability for Quality Management Systems to BS EN ISO 9001:2015 and Environmental Management Systems to BS EN ISO 14001:2015.



Our TM65 embodied carbon reports can help building designers to compare the environmental impact of different cable management solutions. Email technical@marshall-tufflex.com to request a report on any of our products.

RoHS

RoHS (Restriction of Hazardous Substances) restricts the use of specific hazardous materials found in electrical and electronic products. All applicable Marshall-Tufflex products are RoHS compliant.

WEEE

WEEE is the directive on waste electrical and electronic equipment which sets collection, recycling and recovery targets for all types of electrical goods with the objective of reducing landfill. Marshall-Tufflex is fully compliant with the WEEE directive.

REACH

REACH is an EU regulation (dating from 18.12.06) that stands for Registration, Evaluation, Authorisation and Restriction of Chemicals. It addresses the production and use of chemical substances and assesses their potential impact on both human health and the environment. Marshall-Tufflex complies with the requirements of the REACH regulations.



BEAMA is the independent expert knowledge base for the electrotechnical industry in the UK and across Europe. Representing over 300 manufacturing companies, the organisation has significant influence over UK and international political, standardisation and commercial policy. We are very proud to be an active member of BEAMA.

DISTRIBUTION ACROSS THE WORLD



We're easy to do business with

Our international team work with our partners around the world overseeing international shipments from order placement through to final delivery of goods.

All elements of the shipping process are managed by our team including export documentation and payment documents such as letters of credit.

Contact our International Team

Customer Services

☎ +44 (0)1424 856600

✉ international@marshall-tufflex.com

Michael Ballard

☎ +44 (0)7713 877275

✉ michaelb@marshall-tufflex.com

We have exported our range of cable management products across the world for over 50 years.

Our products have been installed in prestigious buildings worldwide and we are pleased to sell to over 55 countries via our network of channel partners.

For details of our channel partners, see the inside back cover of this catalogue.



UK DISTRIBUTOR OF BASOR ELECTRIC PRODUCTS



We are the exclusive distributor of Basor products in the UK and supply Wire Basket, Metal Cable Tray, Metal Trunking, Metal Cable Ladder systems and PVC Cable Tray as part of this agreement. In addition, we can also supply any other Basor products, including those that are not part of the standard range. Please note, lead times will apply.



BENDEX



Bendex - essential cable management, affordably priced

The Bendex range of affordably priced cable management solutions are manufactured in the UK by Marshall-Tufflex. The range includes PVC-U trunking, conduit, cable protection guard and surface boxes.

We're in EDATA, don't be left out

Find our latest product information inside the **EDATA data pool**.

EDATA: in it together
informative, intelligent, indispensable

For Free access to EDATA contact the EDA:
T: 020 3141 7350 E: edata@eda.org.uk W: tinyurl.com/EDATAforFREE



COMPANY ENVIRONMENTAL PRACTICES

At Marshall-Tufflex, we are committed to sustainability and believe it is our responsibility to protect the environment.

We are proud to be Planet Mark certified and are working towards net zero greenhouse gas emissions by 2045.

Initiatives to date include installation of LED lighting and investment into electric lithium ion battery forklift trucks and EV charging points.

We have also been awarded the EcoVadis Bronze medal certification. EcoVadis is the world's largest and most trusted provider of business sustainability ratings.

We are keen to ensure our staff and customers can be confident in our robust approach to sustainability.



PACKAGING CHARTER

We are committed to protecting the environment and our approach to packaging plays an important role. We continually look for ways to use environmentally friendly packaging or to minimise packaging whilst ensuring that our product is well protected and delivered in excellent condition.

Metal stillages

We use metal stillages made from recycled steel to store and transport extruded lengths in bulk.

Typically they remain within our manufacturing and warehousing sites for internal transportation of product. Metal stillages are recycled at end of life.

Wooden bales

Wooden bales are used as an alternative to stillages when product is supplied to customers in bulk.

The timber we used is FSC approved and can be recycled.

Wooden pallets

All wooden pallets that we purchase are FSC approved and can be recycled.

Polythene sleeving

All our polythene sleeving is supplied with a 30% recycled content. Our Polythene can be recycled at end of life.

Plastic bags

Smaller fittings may be bulk packed in plastic bags, these bags have a 30% recycled material content and are 100% recyclable at end of life.

Cardboard

Inner boxes - These are made using 100% recycled paper and are 100% recyclable.

Outer boxes - These are made using 70-100% recycled material content and are 100% recyclable.

Cardboard trays - These are made from 100% recycled material and are 100% recyclable.

REASSURINGLY RECYCLED

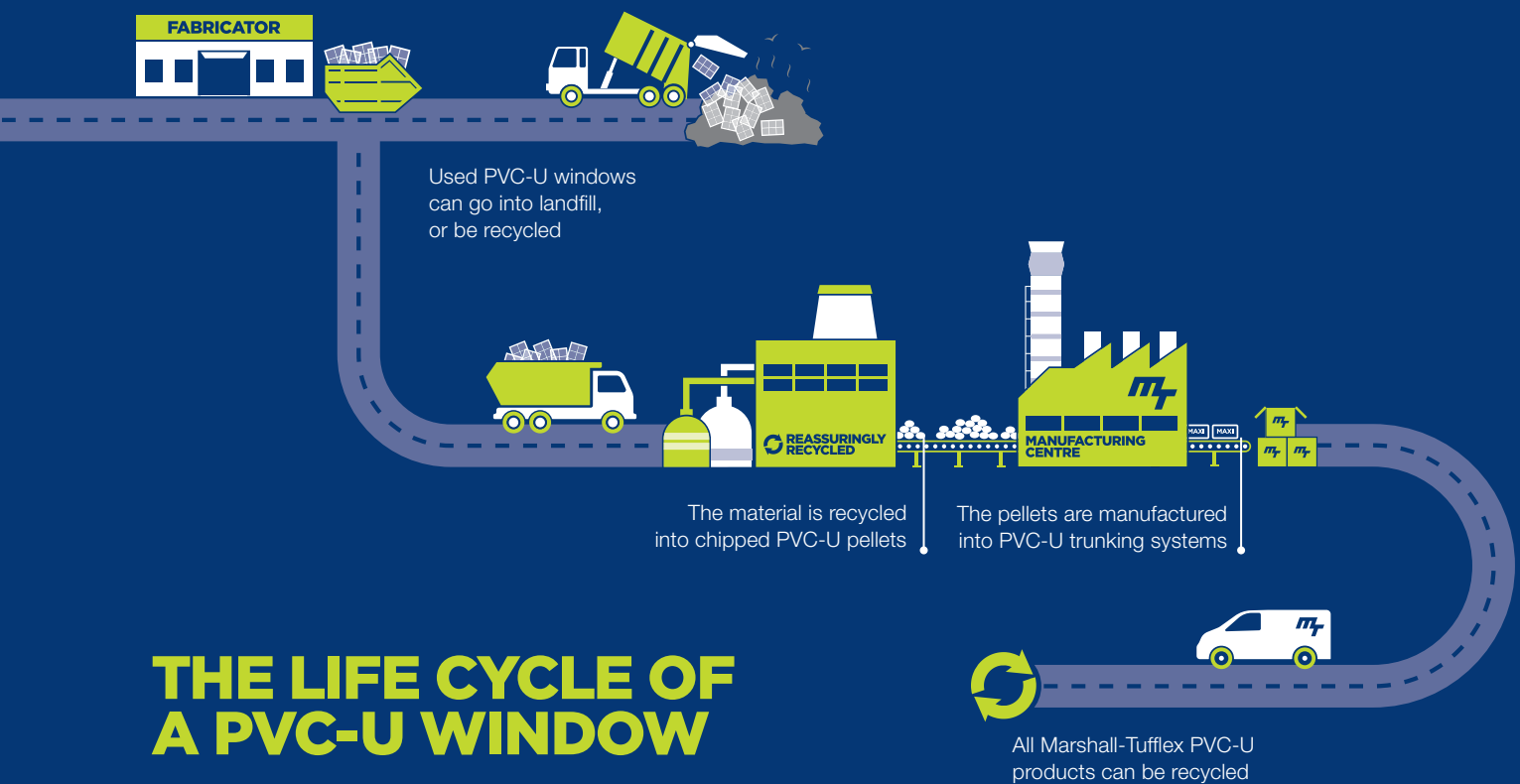
For more than 80 years, we have been pioneering plastic extrusion and leading the way in product research, development and innovation, especially when it comes to using recycled material.

Where does our recycled material come from?

Our recycled PVC-U comes from post-industrial waste (off-cuts from PVC-U window production). This raw material is more robust and higher quality than normal conduit or trunking virgin grade extrusion PVC-U because the material used to make windows is designed to withstand external elements and is generally considered the best standard PVC-U available.



FOR OVER 30 YEARS, WE HAVE PRODUCED TOP-QUALITY CABLE MANAGEMENT SOLUTIONS USING RECYCLED PVC-U FROM WINDOWS.



How much recycled content do we use in our products?

Percentages of recycled content vary across our PVC-U product range. Where the aesthetic finish of products is not so important, far higher percentages of recycled material can be used. For example, Maxi trunking is manufactured using 100% recycled material.

Why specify products with recycled content?

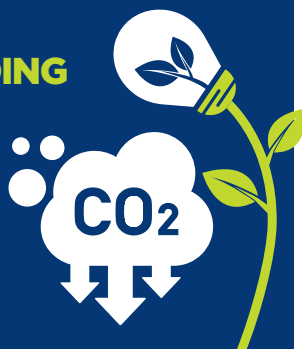
With the government's target to meet net zero by 2050, sustainability is a key consideration in all areas of a building's design.

We are actively campaigning for commercial PVC-U cable management products installed in buildings to be manufactured using a percentage of recycled material where viable. The aim of this initiative is to encourage specifiers to state that PVC-U products utilising recycled content are used.



**LET US HELP YOU
MEET YOUR BUILDING
SUSTAINABILITY
TARGETS**

**Specify PVC-U
cable management,
manufactured using
recycled material**



**ALL OF OUR PVC-U PRODUCTS
CAN BE RECYCLED...**

**Prevent PVC-U being placed into
landfill by recycling our products
at the end of their useful life.**

How do we ensure consistent quality when using recycled content?*

To ensure consistent quality across all of our products, we take material samples from the production line regularly to check for consistency in colour and surface finish. This means we can always assure our customers that we are consistently supplying high quality products.



PVC-U PERIMETER TRUNKING SYSTEMS

PVC-U perimeter trunking is an ideal solution for the containment of data, communication and power cabling.

PVC-U PERIMETER TRUNKING SYSTEMS

PVC-U PERIMETER TRUNKING SYSTEMS

Our PVC-U cable containment systems are easy to install, light to handle and cost-effective to use. We have a wide range of solutions in different heights, designs and cable capacities for the distribution of power and data; making it an excellent choice of material for the majority of commercial, education and healthcare environments. PVC-U is a self-extinguishing material and therefore helps to stop the spread of fire.

Reassuringly we have been using recycled material in the manufacture of our trunking systems for over 30 years, we take our impact on the environment seriously and are doing our best to minimise our effect.



WE ARE DRIVING...

for all PVC-U products installed in buildings to be manufactured using 50% recycled material by 2028

If PVC-U trunking solutions that are made with a minimum of 50% recycled plastic are more commonly specified, then the hope is that other manufacturers, and indeed, the industry, will follow.



Environmental & sustainability



- Research has shown that the use of recycled PVC offers a 20-fold reduction in greenhouse gas (GHG) emissions compared to virgin product.
- 100% recyclable material and has a long life cycle. We encourage our products to be recycled at the end of their useful life.
- PVC-U is a cost-effective, sustainable choice and comparable with other materials such as steel, aluminium, copper and wood.
- Virgin grade PVC-U has the lowest oil content of a commodity plastic.
- No increase in dioxin emission from Municipal Waste Incineration. No phthalates used in manufacture of PVC-U or FR-ABS.
- Lead-free formulations are used for mouldings and extrusions.
- No use of cadmium-based stabilisers or pigments.

EMI protection



- Steel screening insert option.

Fire performance



- The fire rating for PVC-U is excellent* and PVC-U has all the characteristics required for Fire Escape Time.
- Highly resistant to ignition.
- Does little to contribute to the spread of fire and is classified to Building Regs: Class 0.
- PVC-U chars and is self-extinguishing.
- Has a low rate of smoke production during the early stages of a fire.
- Acts as an effective barrier to flame spread from malfunctioning electrical components within systems.
- Does not produce flaming droplets or burning debris.
- ABS fittings fire-rated to UL94 V0.

*see the independent report at www.beama.org.uk

Bio antimicrobial trunking

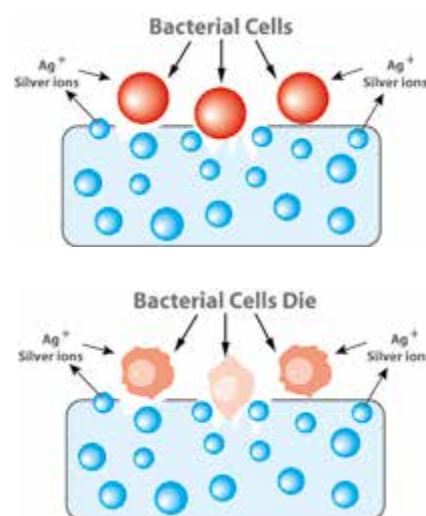


Where hygiene is a priority, our Bio trunking solutions with integral antimicrobial properties incorporated within the PVC-U deliver ongoing antimicrobial protection that prevents 99.9% of harmful bacteria.

Because the Bio trunking solution is integral to the PVC-U material, there is no reduction in effectiveness of the trunking throughout its life – even if it is scratched or damaged.

We hold stock of Odyssey, Bench and Sterling Curve dado ranges with Bio protection.

- Antimicrobial properties inherently formulated within the PVC-U and ABS compounds.
- Being inherent to the product material formulation the antimicrobial properties will remain effective for the product lifetime.
- Testing to ISO 22196:2011.
- Proven silver ion-based technology to neutralise any bacteria with which it comes into contact.
- Registration with the Environmental Protection Agency (EPA).
- Compliance with the European Biocidal Products Directive (BPD).
- Proven reductions in bacterial viable count by more than 99.9%.



Part M compliance for visual impairment

Part M of the UK Building Regulations for Visual Impairment requires that face plates differ in colour from their background. Coloured accessory boxes provide a different colour frame to contrast against standard white accessories and are offered as part of our standard product range in blue (RAL5002) and black (RAL9005).



See page 44 of the Accessory Boxes section for details of coloured boxes for use with our trunking systems.

Standard colour

Marshall-Tufflex trunking systems are available in solid white RAL 9003.

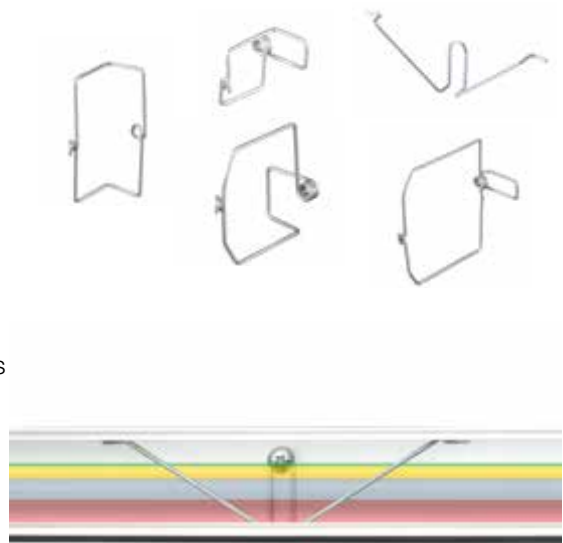
Standard Colours
WH
WH: White

Firefly

FIREFLY FIRE SAFETY CLIPS: SAVING LIVES IN THE EVENT OF A FIRE

firefly[™]
FIXINGS
from Marshall-Tufflex

To comply with BS 7671:2018 IET Wiring Regulations, Marshall-Tufflex supply a range of Firefly fire clips to secure cables internally or externally of trunking or conduit. The clips are designed to secure all surface cables throughout an installation.



- Fire safety clips to comply with BS 5839-1
- For use with trunking and conduit
- Spring loaded design for easy installation or removal of cables
- Designed for quick installation and to maximise internal trunking space
- Internal version to fit within trunking prior to cables being installed
- External version to retrofit onto existing installations
- Melt point over 1000°C

Regulations

Regulations state that wiring systems shall be supported such that they will not be liable to premature collapse in the event of a fire.

Firefly clips meet the requirements of the current version of BS 7671 Wiring Regulations to secure surface cables and to avoid the risk of entanglement in the event of a fire.

Firefly clips feature rounded ends, preventing damage to cables and injury to installers. The spring-loaded design makes it straightforward to install and to add or remove cables after the initial installation.

BS 7671:2018 IET Wiring Regulations

See chapter 52 Selection and Erection of Wiring Systems 521.10.202 of the IET Wiring Regulations

PVC-U multi-compartment perimeter trunking is available in different heights, designs, cable capacities and numbers of compartments to suit all installation requirements. Standard PVC-U products are supplied in white.

Mono 10**100 x 50mm**

Small trunking with a single cover suitable for dado application and as a feeder trunking.

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18

Mono 10 trunking assembly is manufactured using 70% recycled material

Sterling Compact**140 x 50mm**

Dado trunking with three compartments and individual covers for each compartment.

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19

Sterling Compact trunking assembly is manufactured using 54% recycled material

Sterling Curve dado**167 x 50mm**

A curved dado trunking with three compartments.

Also stocked as a Bio antimicrobial version.

Page
21

Sterling Curve dado trunking assembly is manufactured using 55% recycled material

Sterling Curve skirting**167 x 50mm**

A curved skirting trunking with three compartments.

Page
21

Sterling Curve skirting trunking assembly is manufactured using 52% recycled material

Odyssey Bio**180 x 57mm**

Curved profile dado trunking with one main compartment and two smaller outer compartments. Manufactured as standard with antimicrobial Bio properties inherent to the PVC-U.

Page
24

Odyssey trunking assembly is manufactured using 62% recycled material

Twin Plus**210 x 57mm**

Large dado and skirting trunking with two deep compartments allowing segregation of power and data.

Page
26

Twin Plus trunking assembly is manufactured using 74% recycled material

XL trunking dado**220 x 65mm**

Deep, large capacity three compartment dado system.

Page
28

XL trunking is manufactured using 64% recycled material

XL trunking skirting**220 x 65mm**

Deep, large capacity three compartment skirting system.

Page
28

XL trunking is manufactured using 64% recycled material

Cornice**50 x 50mm**

A cornice containment system for distributing services around ceiling perimeters. This system can be used with Mini Trunking to supply switch drops and pendant lighting.

Page
30

Cornice trunking assembly is manufactured using 80-100% recycled material

Sovereign Plus**75 x 20mm**

Skirting trunking with one piece cover.

Page
31

Sovereign Plus skirting trunking is manufactured using 80 - 100% recycled material

Bench Bio trunking**105 x 105mm**

Robust angular containment for distributing services on the desktop or workbench. Can accept standard wiring accessories.

Page
32

MONO 10 TRUNKING

Mono 10 is a compact trunking that is perfectly suited for the smaller office or workshop area.

Product information

- 100 x 50mm
- 1 main compartment
- Can be subdivided
- Suitable for dado application and as a feeder trunking
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables within trunking and prevent premature collapse in the event of a fire

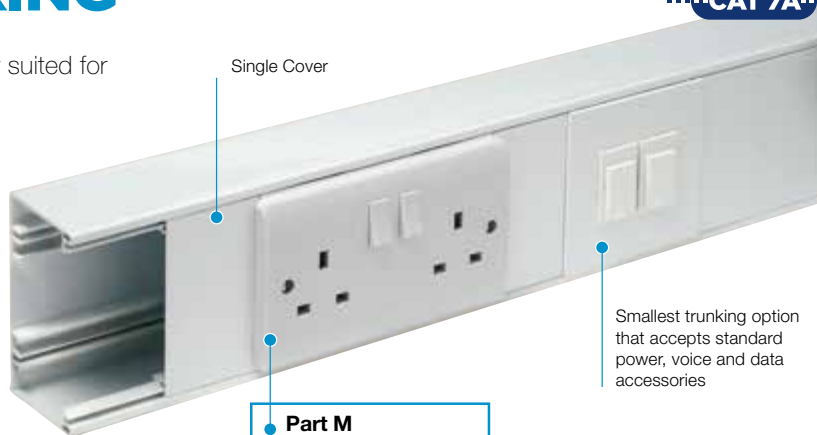
Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Adjustable data box 32-40mm

Standard Colour
WH
WH: White



Mono 10 trunking assembly is manufactured using 70% recycled material



Part M

Box assemblies and spacers that meet the requirements of Part M (DDA). See page 44.



Basic components



Mono 10 trunking assembly

code	size	pack
EPM10WH	100 x 50mm	1 x 3m



Dividing tray

code	pack
EDF2	8 x 3m

Fittings



Coupler

code	pack
EC10WH	2



End cap

code	pack
EEC10WH	2



Internal bend

code	pack
EIB10WH	2



External bend

code	pack
EXB10WH	2



Flat angle cover

code	pack
EFA10WH	1



Flat tee

code	pack
EFT10WH	1
Fabricated	

Fire clips



Fire clip Mono 10 centre compartment

code	pack
FCM10C	100

See page 44 for accessory boxes, spacers and plates.

STERLING COMPACT

Sterling Compact is an economical and stylish three-compartment trunking, compact in size and designed to fit within areas that may have trunking height restrictions.

Product information

- 140 x 50mm
- Suitable for dado application
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables within trunking.
- ETL1 lid is available in black as a Part M compliance option

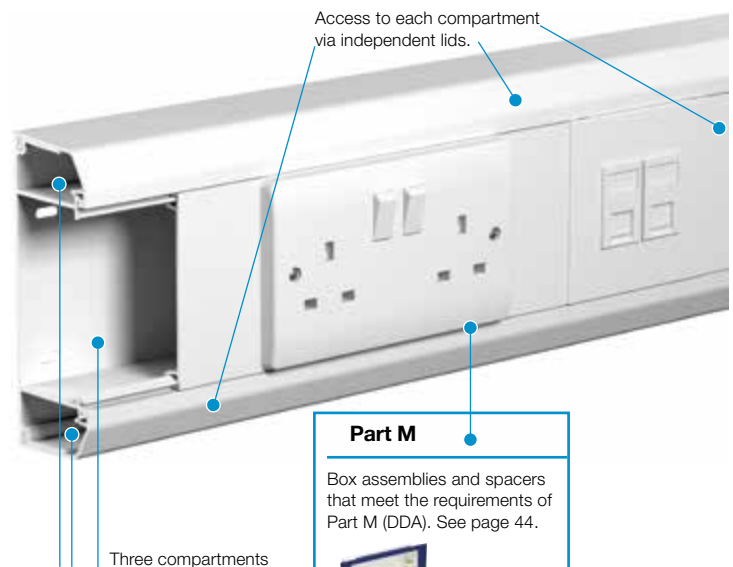
Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm

Standard Colour
WH
WH: White



COMPLIANT UP TO
...CAT 7A...



Part M

Box assemblies and spacers that meet the requirements of Part M (DDA). See page 44.

Basic components



Sterling Compact Trunking Assembly

code	size	pack
EPM20WH	140 x 50mm	1 x 3m



Trunking base (including 2 angled outer comp covers)

code	pack
EMT20WH	4 x 3m



Main compartment cover

code	pack
ETL1WH	8 x 3m
ETL1BK	8 x 3m

Fittings



Coupler

code	pack
EC20WH	2



End cap

code	pack
EEC20WH	2



Internal bend

code	pack
EIB20WH	2



Internal bend adjustable 85°-95°

code	pack
EIBAB20WH	1



External bend

code	pack
EXB20WH	2



External bend adjustable 85°-95°

code	pack
EXBAB20WH	1



Flat angle - up/down

code	pack
EFA20MWH	1

Moulded cover



Flat tee - up/down

code	pack
EFT20MWH	1

Moulded cover

Components

**Main crossover bridge**

code	pack
EMCB1	5

**Adaptor to conduit / mini trunking**

code	material	pack
EAD20WH	polycarbonate	1

Fire clip

**Fire clip Sterling Compact**

code		pack
FCSPC	Centre	50
FCM200	Outer	100

Fire clip fixings

**Masonry screws & washers**

code	pack
FCMS	100

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

Screening

**Steel screening divider**

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

**Steel screening divider bonding strap**

code	pack
ESF2	5

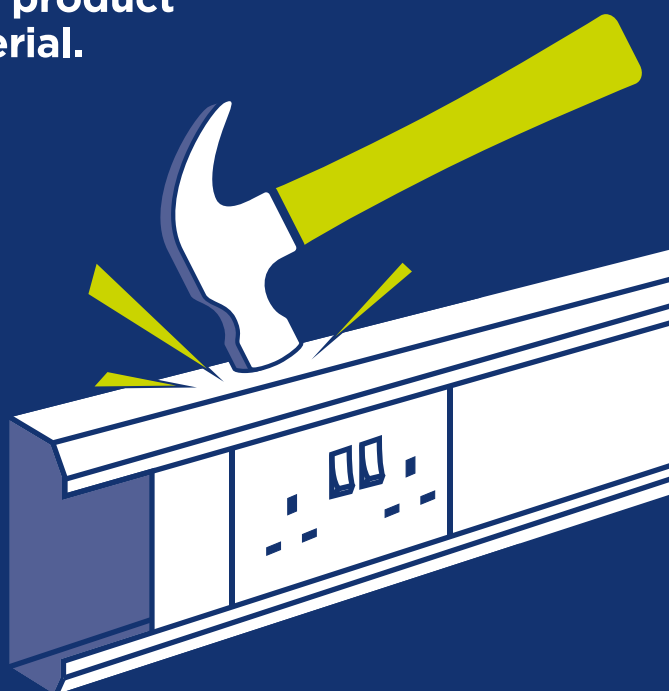
**Bonding strap**

code	pack
ESBS1	5

See page 44 for accessory boxes, spacers and plates.

QUALITY REASSURANCE

PVC-U trunking made from recycled windows is more robust than product made from virgin grade material.



REASSURINGLY RECYCLED

STERLING CURVE

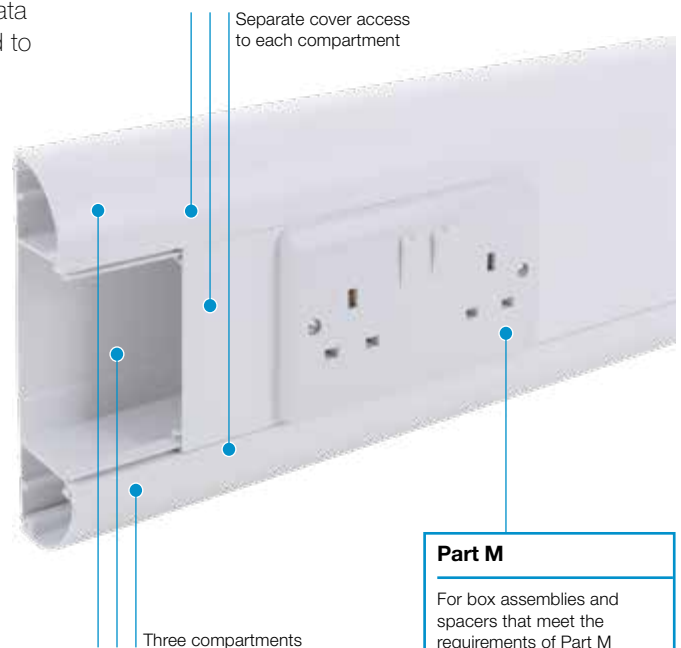
Sterling Curve is a stylish, three compartment, medium sized trunking suitable for dado or skirting installation. This adaptable and easy to use system has one or two curved data compartments designed to stop clutter, avoid dust traps and to make cleaning easy.

Product information

- 167 x 50mm
- Suitable for dado and skirting application
- Boxes available to comply with Part M (DDA)
- ETL1 lid is available in black as a Part M compliance option
- Single piece moulded fittings
- Flat Tees and Flat Angles have integral bend radius control
- Dado version is available with antimicrobial BIO properties inherent to the PVC-U material
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables within trunking and prevent premature collapse in the event of a fire

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Adjustable data box 32-40mm
- Steel screening divider available to BS EN 50174-2



Part M

For box assemblies and spacers that meet the requirements of Part M (DDA). See page 44.



Standard Colours

WH

WH: White



Sterling dado trunking assembly is manufactured using 55% recycled material



Sterling skirting trunking assembly is manufactured using 52% recycled material

Trunking profiles



Curve dado trunking assembly

code	size	pack
CEP1MWH	167 x 50mm	1 x 3m



Curve skirting trunking assembly

code	size	pack
CEP2MWH	167 x 50mm	1 x 3m

Basic components



Base unit

code	pack
ETB1M	4 x 3m

Please note the colour of the unseen base ETB1M may vary

ETB1M can be used as part of a Bio trunking system as base will be covered by lids.



Main compartment cover

code	colour	pack
ETL1WH	white	8 x 3m
ETL1BIOWH	white bio	8 x 3m
ETL1BK	black	8 x 3m



Curve cover

code	colour	pack
CETC1WH	white	8 x 3m
CETC1BIOWH	white bio	8 x 3m



Square cover

code	pack
ETSC1WH	8 x 3m

Dado fittings

**Coupler**

code	pack
CECP1MWH	2
CECP1MBIOWH	2

**End cap**

code	pack
CEEC1MWH	2
CEEC1MBIOWH	2

**Internal bend**

code	pack
CEIB1MWH	2
CEIB1MBIOWH	2

**Internal bend adjustable 85°-95°**

code	pack
CEIB1ABWH	1

**External bend**

code	pack
CEXP1MWH	2
CEXP1MBIOWH	2

**External bend adjustable 85°-95°**

code	pack
CEXP1ABWH	1

**Flat angle cover (ABS)**

code	pack
CEFA1MWH	1

**Flat angle complete (ABS)**

code	pack
CEFA1MBWH	1
CEFA1MBBIOWH	1

**Flat tee cover (ABS)**

code	pack
CEFT1MWH	1

**Flat tee complete (ABS)**

code	pack
CEFT1MBWH	1
CEFT1MBBIOWH	1

Skirting fittings

**Coupler**

code	pack
CECP2MWH	2

**End cap**

code	pack
CEEC2MRHWH (right)	2
CEEC2MLHWH (left)	2

**Internal bend**

code	pack
CEIB2MWH	2

**External bend (ABS)**

code	pack
CEXP2MWH	2

**Flat angle up cover (ABS)**

code	pack
CEFA2UMWH	1

**Flat angle up complete (ABS)**

code	pack
CEFA2UMBWH	1

**Flat tee up cover (ABS)**

code	pack
CEFT2MWH	1

**Flat tee up complete (ABS)**

code	pack
CEFT2MBWH	1

Components

**Main crossover bridge**

code	pack
EMCB1	5

**Adaptor to conduit / mini trunking**

code	material	pack
CEAP1MWH	polycarbonate	1

Fire clips



Fire clip Sterling centre compartment

code	pack
FCSPC	50



Fire clip Sterling curve compartment

code	pack
FCSPAC	100



Fire clip Sterling square compartment

code	pack
FCSPS	100

Fire clip fixings



Masonry screws & washers

code	pack
FCMS	100



Cavity fixings & screws

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

Screening



Steel screening divider

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2



Steel screening divider bonding strap

code	pack
ESF2	5



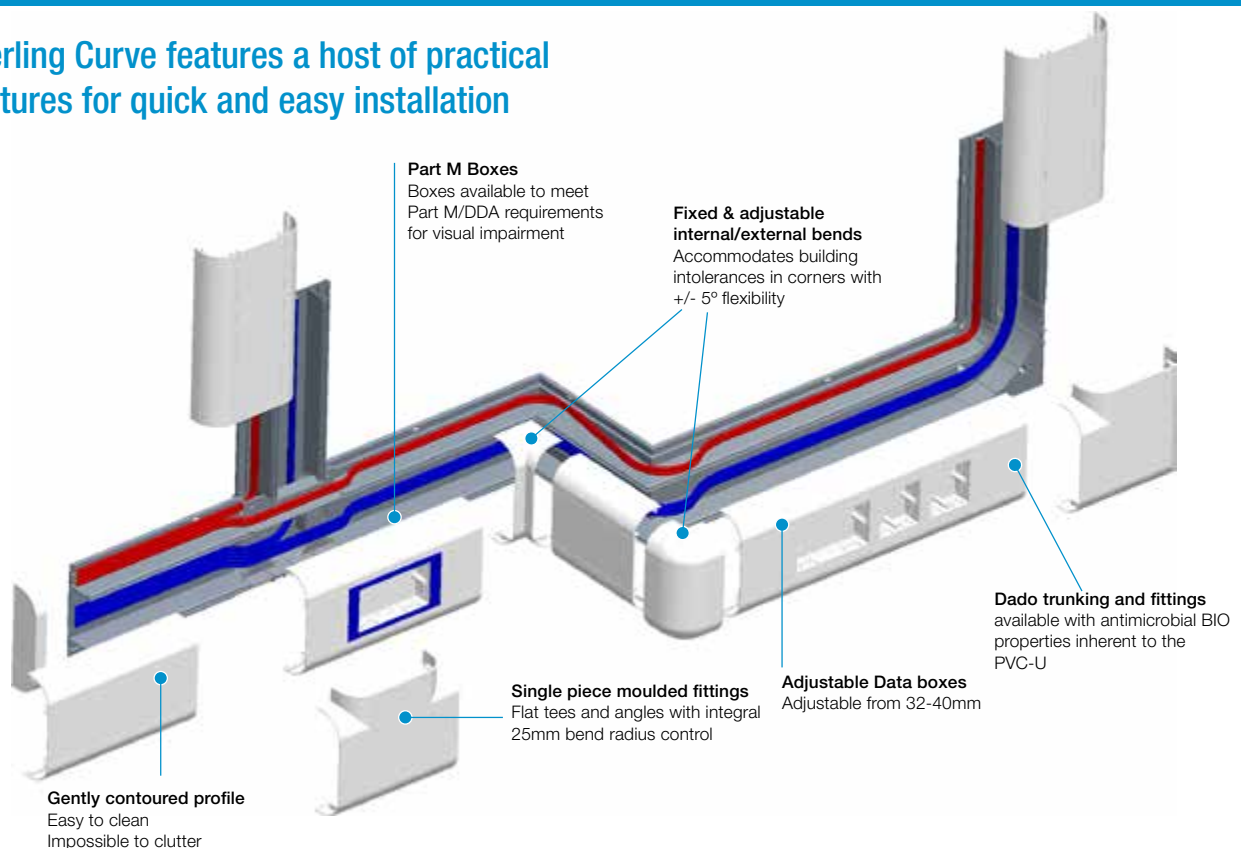
Bonding strap

code	pack
ESBS1	5

See page 44 for accessory boxes, spacers and plates.

Sterling Curve Trunking

Sterling Curve features a host of practical features for quick and easy installation



ODYSSEY BIO

Odyssey Bio is a three-compartment antimicrobial trunking system with a completely curved front profile designed with tamper-resistant covers and flush accessories. The trunking is manufactured with antimicrobial BIO properties inherent to the PVC-U and has an easy to clean profile making it ideal for healthcare environments.

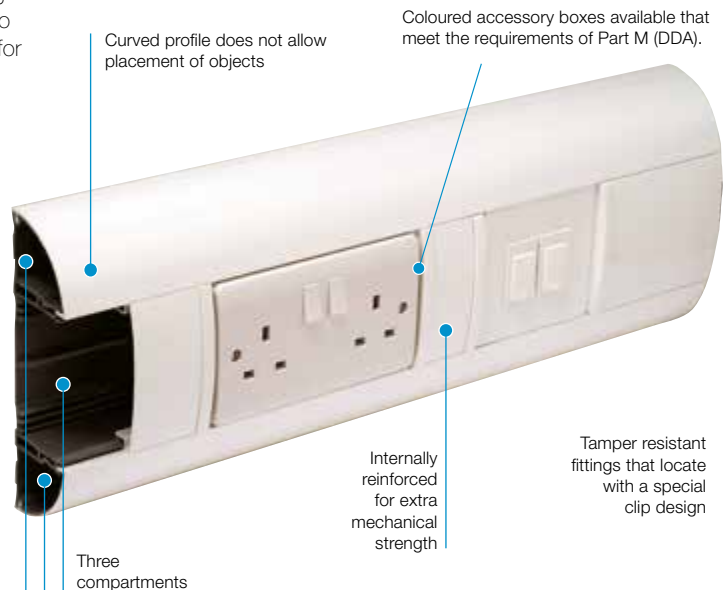


Product information

- 180 x 57mm
- Can be subdivided by using EDF1 dividing fillet
- Suitable for dado application
- Tamper resistant covers and fittings
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables within trunking and prevent premature collapse in the event of a fire

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Data fittings available for bend radius up to 65mm
- Steel screening divider available to BS EN 50714-2
- Adjustable data box 32-40mm



Trunking profile



Trunking assembly (base and 3 covers)

code	description	pack
DD1WH	180 x 57mm	1 x 3m

Standard Colour
WH
WH: White



Fittings (ABS)



Coupler

code	pack
DD1210WH	1



End cap

code	pack
DD1230WH	2



Internal bend

code	pack
DD1310WH	1



Internal bend adjustable

code	adjustable	pack
DD1330WH	85-95°	1



External bend

code	pack
DD1350WH	1



External bend adjustable

code	adjustable	pack
DD1370WH	85 - 95°	1



Flat angle up/down

code	pack
DD1410WH	1



Flat tee 3 part assembly – up/down

code	pack
DD1430WH	1

Fittings and boxes

**Conduit adaptor (ABS)**

code	size	pack
DD1720WH	20mm	1

Fabricated using PVC-U and ABS

**RCD housing**

code	pack
DD1580MWH	1

Up to 4 modules can be accommodated

Note: RCDs are not supplied by Marshall-Tufflex

**1 gang accessory box (ABS)**

code	depth	pack
DD1510WH	30mm	20

***Box adaptors**

When installing adjustable boxes DD1540 and DD1550, a DD1590 adaptor should be used at either end of the box.

Where two or more adjustable boxes are being used in line, the spacer included is for use between boxes and a DD1590 adaptor is used at either end.

**2 gang accessory box (ABS)**

code	description	pack
DD1520WH	30mm	10

***1 gang adjustable depth box (ABS)**

code	depth	pack
*DD1540WH	32 – 40mm	10

***2 gang adjustable depth box (ABS)**

code	depth	pack
*DD1550WH	32 – 40mm	10

**Accessory box adaptor (ABS)**

code	pack
DD1590WH	1 pair

Each pack contains 2 adaptors

**1 gang power and data mounting frame**

code	pack
DD1560WH	2

**2 gang power and data mounting frame**

code	pack
DD1570WH	2

**1 gang accessory box (30mm depth)**

code	colour	pack
DD1510BU	blue	20
DD1510BK	black	20

**2 gang accessory box (30mm depth)**

code	colour	pack
DD1520BU	blue	10
DD1520BK	black	10

Fire clips

**Fire clip Odyssey centre compartment**

code	pack
FC0C	50

**Fire clip Odyssey outer compartment**

code	pack
FC00	100

Fire clip fixings

**Masonry screws & washers**

code	pack
FCMS	100

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

Screening

**Steel screening divider**

code	pack
ESF1	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

**Steel screening divider bonding clip**

code	pack
ESF2	5

**Bonding strap**

code	pack
ESBS1	5

TWIN PLUS TRUNKING

Twin Plus is a large, two-compartment skirting and dado trunking system that provides high capacity cable containment for most commercial environments.

COMPLIANT UP TO
...CAT 7A...

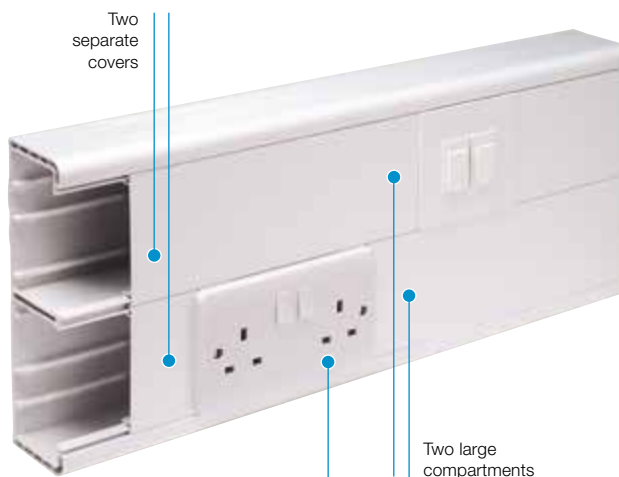


Product information

- 210 x 57mm
- Can be subdivided
- Separate cover access to each compartment
- Suitable for skirting and dado application
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables within trunking and prevent premature collapse in the event of a fire
- ETL1 lid is available in black as a Part M compliance option

Data information

- Compliant up to Cat 7a
- 50mm bend radius fittings
- Adjustable data box 32-47mm
- Steel screening divider available to BS EN 50714-2



Standard Colour
WH
WH: White



Twin Plus trunking assembly is manufactured using 74% recycled material

Part M

Box assemblies and spacers that meet the requirements of Part M (DDA). See page 44.



Basic components



Base unit

code	pack
EMT60WH	2 x 3m



Cover

code	pack
ETL1WH	8 x 3m
ETL1BK	8 x 3m



Dividing fillet - PVC-U

code	pack
EDF1	8 x 3m

Fittings (ABS)



Coupler

code	pack
EC60WH	1



End cap

code	pack
EEC60WH	1



For additional retention use end cap retaining screws G1310 (Pack 40)



External bend assembly - large

code	pack
EXB60WH	1



Internal bend assembly

code	pack
EIB60WH	1



External bend assembly - standard

code	pack
ESXB60WH	1

Capacity reduced by 50%



Flat angle assembly

code	pack
EFA60WH	1



Flat tee assembly

code	pack
EFT60WH	1

Firefly clips

**Fire clip Twin Plus**

code	pack
FCTP	50

Fire clip fixings

**Masonry screws & washers**

code	pack
FCMS	100

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

Screening

**Steel screening divider**

code	pack
ESF60	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

**Steel screening divider bonding strap**

code	pack
ESF2	5

**Bonding strap**

code	pack
ESBS1	5

See page 44 for accessory boxes, spacers and plates.

Twin Plus

Twin Plus is a high cable capacity trunking system with a variety of practical features for power and data installations

Screened divider
For complete EMI protection

Part M Boxes
Boxes available to meet Part M/DDA requirements for visual impairment

Two separate compartments
Two large compartments that can be sub-divided, each with their own cover

Bend radius control
Flat angles and tees with integral 50mm bend radius control

Adjustable Data boxes
Adjustable from 32-47mm

XL TRUNKING

XL is a deep, large capacity, three compartment, segregated containment system suitable for dado or skirting applications.

COMPLIANT UP TO
...CAT 7A...

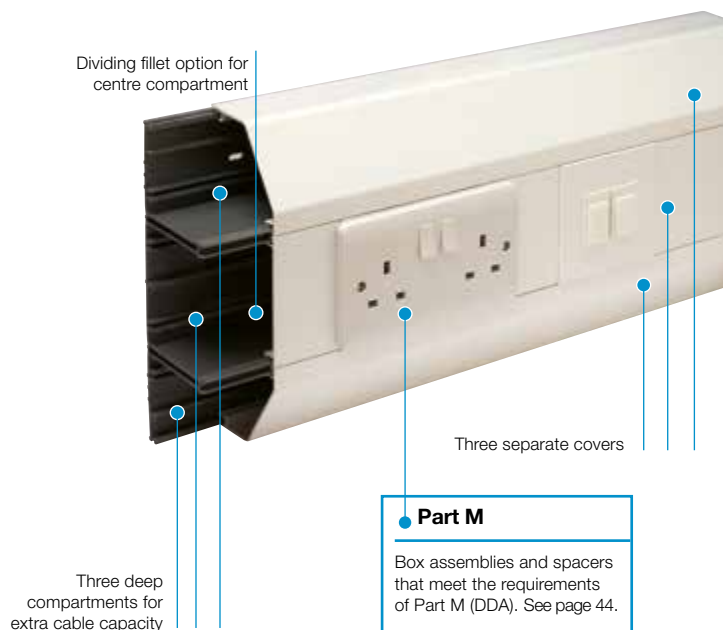


Product information

- 220 x 65mm
- One full and two half size compartments
- Three deep segregated compartments
- Can be subdivided
- Suitable for dado and skirting application
- Boxes available to comply with Part M (DDA)
- Self extinguishing and non-flame propagating PVC-U
- ETL1 lid is available in black as a Part M compliance option

Data information

- Compliant up to Cat 7a
- Adjustable data box 32-47mm
- Steel screening divider available to BS EN 50714-2



Part M

Box assemblies and spacers that meet the requirements of Part M (DDA). See page 44.



Standard Colour

WH

WH: White



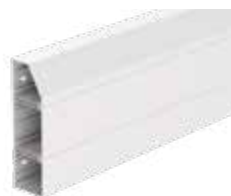
XL trunking base is manufactured using 64% recycled material

Trunking profiles



XL dado

size 220 x 65mm



XL skirting

size 220 x 65mm



Dividing fillet

code	pack
ELDF200	8 x 3m

Basic components



Base unit

code	pack
ELTB200	4 x 3m



Main compartment cover

code	pack
ETL1WH	8 x 3m
ETL1BK	8 x 3m



Angled cover

code	pack
ELAC200WH	8 x 3m



Square cover

code	pack
ELSC200WH	8 x 3m

Please see page 44 for accessory boxes, spacers and plates

XL dado fittings

**Coupler**

code	pack
EC201WH	5

**End cap**

code	pack
EEC201WH	5

Universal for both LH & RH

**Internal bend**

code	pack
EIB201WH	5

**External bend**

code	pack
EXB201WH	5

**Flat angle**

code	pack
EFA201WH	1

**Flat tee**

code	pack
EFT201WH	1

XL skirting fittings

**Coupler**

code	pack
EC202WH	5

**End cap**

code	pack
EEC202LHWH (Left hand)	5

EEC202RHWH (Right hand) 5

**Internal bend**

code	pack
EIB202WH	5

**External bend**

code	pack
EXB202WH	5

**Flat angle – upward**

code	pack
EFA202UWH	1

**Flat angle – downward**

code	pack
EFA202DWH	1

Screening

**Steel screening divider**

code	pack
ESF200	1 x 1.5m

Note: optional steel screening divider to assist in compliance with BS EN 50174-2

**Steel screening divider bonding strap**

code	pack
ESF2	5

**Bonding strap**

code	pack
ESBS1	5

Please see page 44 for accessory boxes, spacers and plates

CORNICE TRUNKING

Cornice trunking provides elegant and unobtrusive concealment for surface wiring around ceilings.

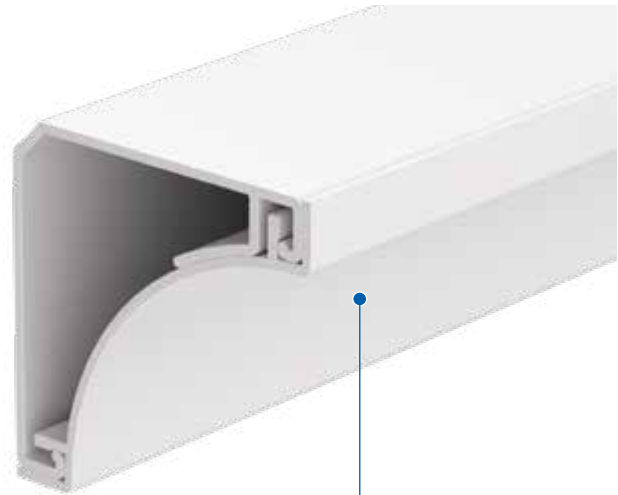
Product information

- 50 x 50mm
- Designed for use with MMT2 mini trunking (see page 35)
- Adaptors available for cable runs across ceilings or down walls
- Built in cable retainer
- Use with mini trunking to supply pendant drops and surface accessories
- Removable cover
- Self extinguishing and non-flame propagating PVC-U

Standard Colour
WH
WH: White



Cornice trunking is manufactured using 80 -100% recycled material



Removable cover



Cornice trunking

code	size	pack
MCT1WH	50 x 50	8 x 3m

Trunking profile

Fittings



Coupler

code	pack
MCTC1WH	10



End cap

code	pack
MCEC1WH	10



Internal bend

code	pack
MCIB1WH	10



External bend

code	pack
MCEB1WH	10



Corner adaptor LH to Mini trunking

code	size	pack
MCCD2LHWH	MMT2	10



Corner adaptor RH to Mini trunking

code	size	pack
MCCD2RHWH	MMT2	10



Trunking adaptor to MMT2 Mini trunking

code	pack
MCTA2WH	10

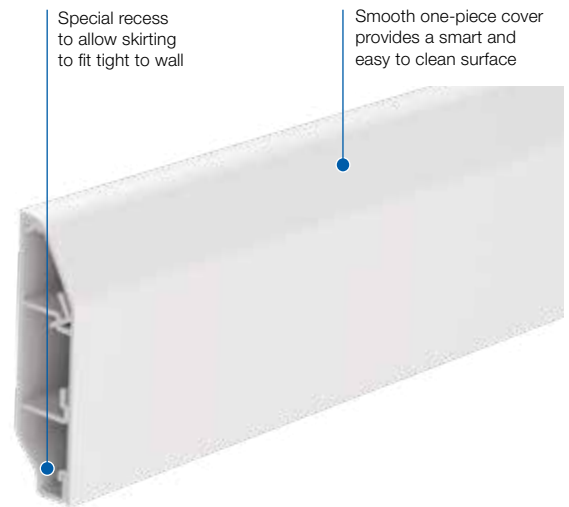
SOVEREIGN PLUS TRUNKING

Sovereign Plus skirting trunking is a slim trunking system suitable for installation into hotels, small offices and residential properties.

Product information

- 75 x 20mm
- 3 compartments
- Suitable for skirting applications
- Overlapping fittings
- Accessory boxes designed to accept square and radius corner accessories
- Designed for use with MMT2 mini trunking (see page 35)
- Self extinguishing and non-flame propagating PVC-U

Standard Colour
WH
WH: White



Trunking profile



Skirting trunking

code	size	pack
JE03WH	75 x 20	8 x 3

Fittings



Coupler

code	pack
JM22WH	20



End cap

code	size	pack
JM21WH	(left hand)	5
JM20WH	(right hand)	5



Internal bend

code	pack
JM23WH	10



External bend

code	pack
JM24WH	10



MMT2 adaptor (in line)

code	size	pack
JM25WH	25 x 16	5

Boxes and plates



1 gang skirting accessory box

code	depth	pack
JM41WH	32mm	5



2 gang skirting accessory box

code	depth	pack
JM42WH	32mm	3

BENCH BIO TRUNKING

Bench trunking is a robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving. The trunking is manufactured with antimicrobial BIO properties inherent to the PVC-U.

Product information

- 105 x 105mm
- Suitable for desk, bench or worktop applications
- Can be subdivided
- Adjustable data box 32-47mm
- Compliant up to Cat 7a
- Self extinguishing PVC-U
- ETL1 lid is available in black as a Part M compliance option

Standard Colour

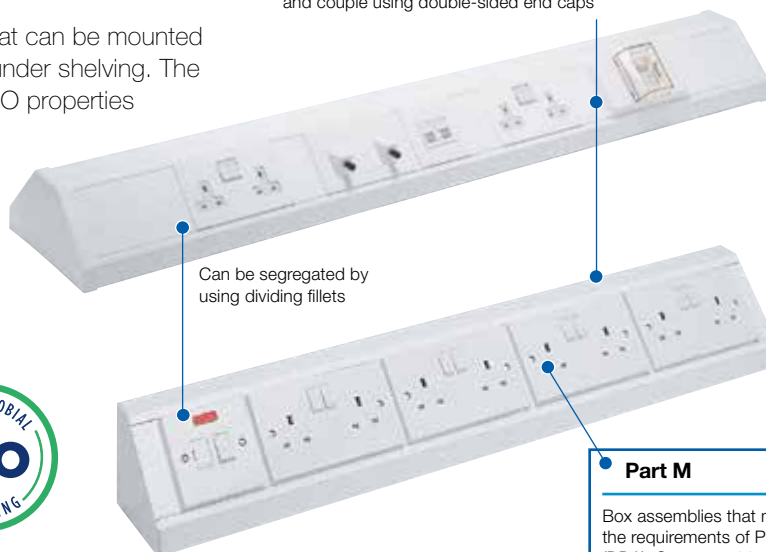
WH

WH: White



Single or double-sided configuration - for double sided versions, use two single-sided trunking assemblies back-to-back and couple using double-sided end caps

COMPLIANT UP TO
...CAT 7A...



Can be segregated by using dividing fillets

Part M

Box assemblies that meet the requirements of Part M (DDA). See page 44.



Trunking profile



Trunking assembly

code	size	pack
MBT105WH	105 x 105mm	2 x 3m



Dividing fillet

code	pack
BDF105WH	4 x 3m

Fittings



Coupler

code	pack
BTC105WH	1



End caps

code	description	pack
BEC105WH	Single sided	2
BECP210WH	Double sided	2



Internal bend

code	pack
BIA105WH	1

Couplers required with bends



External bend

code	pack
BEA105WH	1

Couplers required with bends

Bench units



1 gang single sided unit

code	pack
MBU1WH	1



1 gang double sided unit

code	pack
MDBU1WH	1



2 gang single sided unit

code	pack
MBU2WH	1



2 gang double sided unit

code	pack
MDBU2WH	1



1 plus 2 gang single sided unit

code	pack
MBU3WH	1



1 plus 2 gang double sided unit

code	pack
MDBU3WH	1

See page 44 for accessory boxes, spacers and plates.

MINI AND MAXI TRUNKING

A range of cost-effective
PVC-U cable containment for
general wiring installations.

MINI AND MAXI TRUNKING

MINI AND MAXI TRUNKING

Our Mini and Maxi trunking systems are easy to install, light to handle and cost-effective to use. We have a wide range of PVC-U trunking solutions in different heights, designs, cable capacities for the distribution of power and data; making it an excellent choice of material for the majority of commercial, education and healthcare environments. PVC-U is a self-extinguishing material and therefore helps to stop the spread of fire.

Our white Maxi trunking lengths are manufactured using 100% recycled content.



Standard colour

Mini and Maxi trunking systems are available in solid white RAL 9003.

Standard colour
WH
WH: White

Mini trunking

10 x 8mm to 38 x 38mm

Range of small size containment for general wiring. Standard and self-fix options are available.



Page 35

Maxi trunking

50 x 50mm to 150 x 150mm

A mid-size containment that can be subdivided for general wiring. Larger sizes can accommodate wiring accessories.



Page 38



Mini trunking lengths are manufactured using 30% recycled material



Maxi trunking lengths are manufactured using 100% recycled material

Environmental & sustainability



- We use recycled PVC-U in our manufacturing process, reducing carbon emissions in doing so.
- Research has shown that the use of recycled PVC offers a 20-fold reduction in greenhouse gas (GHG) emissions compared to virgin product. 100% recyclable material and has a long life cycle. We encourage our products to be recycled at the end of their useful life.
- PVC-U is a cost-effective, sustainable choice and comparable with other materials such as steel, aluminium, copper and wood.
- Virgin grade PVC-U has the lowest oil content of a commodity plastic.
- No increase in dioxin emission from Municipal Waste Incineration. No phthalates used in manufacture of PVC-U or FR-ABS.
- Lead-free formulations are used for mouldings and extrusions.
- No use of cadmium-based stabilisers or pigments.

Fire performance



- The fire rating for PVC-U is excellent* and PVC-U has all the characteristics required for Fire Escape Time.
- Highly resistant to ignition.
- Does little to contribute to the spread of fire and is classified to Building Regs: Class 0.
- Chars and is self-extinguishing.
- Has a low rate of smoke production during the early stages of a fire.
- Acts as an effective barrier to flame spread from malfunctioning electrical components within systems.
- Does not produce flaming droplets or burning debris.

*see the independent report at www.beama.org.uk

MINI TRUNKING

Mini trunking is an economical feeder trunking system with easy accessibility for wiring and re-wiring.

Product information

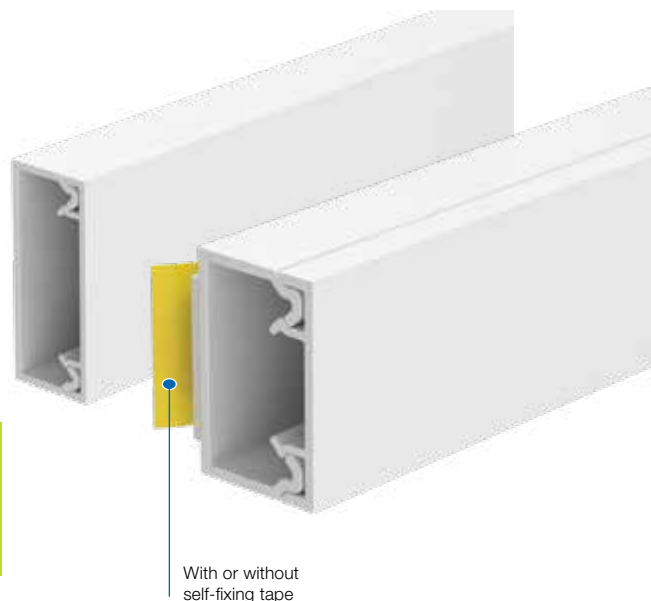
- A variety of sizes from 10 x 8mm to 38 x 38mm
- Self-fixing versions available
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables and prevent premature collapse in the event of a fire

Standard colour
WH
WH: White



**REASSURINGLY
RECYCLED**

**OUR WHITE MINI TRUNKING
LENGTHS ARE MANUFACTURED
USING 30% RECYCLED MATERIAL.**



3m Standard profiles



Mini trunking 3 metres

code	size	pack
MMT1WH	16 x 16mm	30 x 3m
MMT2WH	25 x 16mm	30 x 3m
MMT3WH	38 x 16mm	15 x 3m
MMT4WH	38 x 25mm	15 x 3m
MMT5WH	50 x 25mm	12 x 3m
MMT6WH	38 x 38mm	6 x 3m

3m self-fixing profiles



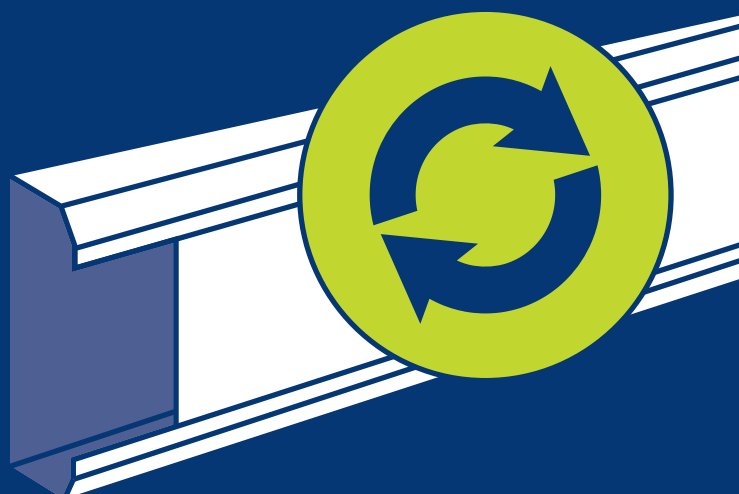
Self fix Mini trunking 3 metres

code	size	pack
MMT00SFWH	10 x 8mm	40 x 3m
MMT0SFWH	16 x 10mm	20 x 3m
MMT1SFWH	16 x 16mm	30 x 3m
MMT2SFWH	25 x 16mm	30 x 3m
MMT3SFWH	38 x 16mm	15 x 3m
MMT4SFWH	38 x 25mm	15 x 3m

ALL OF OUR PVC-U PRODUCTS CAN BE RECYCLED...

Prevent PVC-U being placed into landfill by recycling our products at the end of their useful life.

**REASSURINGLY
RECYCLED**



Fittings

**External coupler**

code	system size	pack
TC1WH	16 x 16mm	40
TC2WH	25 x 16mm	40
TC3WH	38 x 16mm	25
TC4WH	38 x 25mm	25
TC5WH	50 x 25mm	20
TC6WH	38 x 38mm	10

**End cap**

code	system size	pack
TEC1WH	16 x 16mm	100
TEC2WH	25 x 16mm	100
TEC3WH	38 x 16mm	50
TEC4WH	38 x 25mm	30
TEC5WH	50 x 25mm	20
TEC6WH	38 x 38mm	20

**Internal bend**

code	system size	pack
TIB1WH	16 x 16mm	50
TIB2WH	25 x 16mm	30
TIB3WH	38 x 16mm	25
TIB4WH	38 x 25mm	25
TIB5WH	50 x 25mm	20
TIB6WH	38 x 38mm	10

Please note

There are no fittings for MMT00SFWH & MMT0SFWH.

**External bend**

code	system size	pack
TEB1WH	16 x 16mm	50
TEB2WH	25 x 16mm	30
TEB3WH	38 x 16mm	25
TEB4WH	38 x 25mm	25
TEB5WH	50 x 25mm	20
TEB6WH	38 x 38mm	10

**Flat angle**

code	system size	pack
TFB1WH	16 x 16mm	60
TFB2WH	25 x 16mm	30
TFB3WH	38 x 16mm	25
TFB4WH	38 x 25mm	20
TFB5WH	50 x 25mm	20
TFB6WH	38 x 38mm	10

**Equal tee**

code	system size	pack
TT1-1WH	16 x 16mm	20
TT2-2WH	25 x 16mm	30
TT3-3WH	38 x 16mm	25
TT4-4WH	38 x 25mm	20
TT5-5WH	50 x 25mm	20
TT6-6WH	38 x 38mm	10

**Unequal tee**

code	system size	pack
TT2-1WH	25 x 16mm	30
TT4-2WH	38 x 25mm	20

**Ceiling tee**

code	system size	pack
TCT2/2WH	25 x 16mm	10
TCT4/2WH	38 x 25mm	10

Components

**Ceiling rose adaptor**

code	size	pack
TCR2WH	2 K.O. for MMT1	10
	2 K.O. for MMT2	

Designed to accept all popular makes of ceiling rose. Supplied with fixing screws.
Fixing centres 50.8mm.
Internal depth 12mm.
External diameter 81mm

**Surface box adaptors**

code	size	pack
TA1WH	MMT1	50
TA2WH	MMT2	50

**Conduit to mini adaptor**

code	size	pack
TAC1/2WH	MMT1/20mm round	20

Accessories

**PVC pipe cutter**

code	pack
MTPC42	1



For Universal
Switch and Socket boxes
suitable for conduit/mini
installations, see page 42

Mini trunking fire clips

**Fire clip internal MMT2**

code	trunking size	pack
FCMMT2	25 x 16mm	100

**Fire clip internal MMT3**

code	trunking size	pack
FCMMT3	38 x 16mm	100

**Fire clip internal MMT4**

code	trunking size	pack
FCMMT4	38 x 25mm	100

**Fire clip internal MMT5**

code	trunking size	pack
FCMMT5	50 x 25mm	100

**Fire clip internal MMT6**

code	trunking size	pack
FCMMT6	38 x 38mm	100

**Fire plate clip external MMT2**

code	trunking size	pack
FCXMMT2	25 x 16mm	100

**Fire plate clip external MMT4**

code	trunking size	pack
FCXMMT4	38 x 25mm	100

Fire clip fixings

**Masonry screws & washers**

code	pack
FCMS	100

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

Not only are we reducing landfill;
MANUFACTURING FROM RECYCLED PVC-U REDUCES CARBON EMISSIONS BY 20 TIMES VS VIRGIN MATERIAL

 **REASSURINGLY RECYCLED**



MAXI TRUNKING

A mid-size feeder and distribution trunking that can be subdivided to carry power and data. Larger sizes can also accommodate wiring accessories.

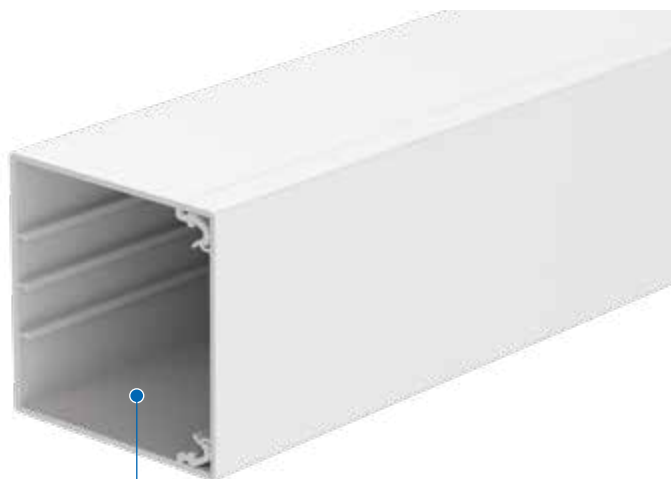
Product information

- A variety of sizes from 50 x 50mm to 150 x 150mm
- Single or divided compartment options
- Self extinguishing and non-flame propagating PVC-U
- Fire clips available to secure cables and prevent premature collapse in the event of a fire

Standard Colour

WH

WH: White



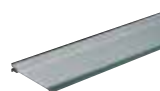
Single compartments are subdividable



REASSURINGLY RECYCLED

OUR WHITE MAXI LENGTHS ARE MANUFACTURED USING 100% RECYCLED MATERIAL.

Trunking profiles



Maxi trunking profiles

code	system size	pack
MTRS50WH	50 x 50mm	8 x 3m
MTRS75/50WH	75 x 50mm	4 x 3m
MTRS75WH	75 x 75mm	4 x 3m
MTRS100/50WH	100 x 50mm	4 x 3m
MTRS100WH	100 x 100mm	4 x 3m
MTRS150WH	150 x 150mm	2 x 3m

Dividing fillet

code	system size	pack
MDFS50	50 x 50mm	10 x 3m
MDFS50	75 x 50mm	10 x 3m
MDFS75	75 x 75mm	10 x 3m
MDFS50	100 x 50mm	10 x 3m
MDFS100	100 x 100mm	10 x 3m
MDFS150	150 x 150mm	10 x 3m

Fittings



Internal coupler

code	system size	pack
TICS50WH	50 x 50mm	10
TICS75/50WH	75 x 50mm	10
TICS75WH	75 x 75mm	5
TICS100/50WH	100 x 50mm	5
TICS100WH	100 x 100mm	5
TICS150WH	150 x 150mm	5



External coupler

code	system size	pack
TCCS50WH	50 x 50mm	10
TCCS75/50WH	75 x 50mm	10
TCCS75WH	75 x 75mm	10
TCCS100/50WH	100 x 50mm	10
TCCS100WH	100 x 100mm	2



End cap

code	system size	pack
TECS50WH	50 x 50mm	10
TECS75/50WH	75 x 50mm	10
TECS75WH	75 x 75mm	5
TECS100/50WH	100 x 50mm	5
TECS100WH	100 x 100mm	5
TECS150WH	150 x 150mm	1

**Internal 90° bend (clip-on)**

code	system size	pack
TIAS50CWH	50 x 50mm	1
TIAS100/50CWH	100 x 50mm	1

**Internal 90° bend (fabricated)**

code	system size	pack
TIAS75/50WH	75 x 50mm	1
TIAS75WH	75 x 75mm	1
TIAS100WH	100 x 100mm	1
TIAS150WH	150 x 150mm	1

**External 90° bend (clip-on)**

code	system size	pack
TOAS50CWH	50 x 50mm	1
TOAS100/50CWH	100 x 50mm	1

**External 90° bend (fabricated)**

code	system size	pack
TOAS75/50WH	75 x 50mm	1
TOAS75WH	75 x 75mm	1
TOAS100WH	100 x 100mm	1
TOAS150WH	150 x 150mm	1

**90° flat angle (clip-on)**

code	system size	pack
TFAS50CWH	50 x 50mm	1
TFAS100/50CWH	100 x 50mm	1

**90° flat angle (moulded)**

code	system size	pack
TFAS75/50MWH	75 x 50mm	1
TFAS75MWH	75 x 75mm	1

**90° flat angle (fabricated)**

code	system size	pack
TFAS100FWH	100 x 100mm	1
TFAS150FWH	150 x 150mm	1

**Flat tee (fabricated)**

code	system size	pack
TFTS50WH	50 x 50mm	1
TFTS75/50WH	75 x 50mm	1
TFTS75WH	75 x 75mm	1
TFTS100/50WH	100 x 50mm	1
TFTS100WH	100 x 100mm	1
TFTS150WH	150 x 150mm	1

Boxes and plates

**1 gang accessory box**

code	pack
TSS03WH	20

For MTRS100/50 and
MTRS100.
Internal depth 30mm

**2 gang accessory box**

code	pack
TSS04WH	10

For MTRS100/50 and
MTRS100.
Internal depth 30mm

**1 gang accessory plate**

code	pack
MTSPS1WH	15

For MTRS100/50 and
MTRS100.

**2 gang accessory plate**

code	pack
MTSPS2WH	15

For MTRS100/50 and
MTRS100.

Maxi trunking fire clips

**Fire clip internal
MTRS50**

code	trunking size	pack
FCMTRS50	50 x 50mm	50

**Fire clip internal
MTRS75/50**

code	trunking size	pack
FCMTRS75/50	75 x 50mm	50

**Fire clip internal
MTRS75**

code	trunking size	pack
FCMTRS75	75 x 75mm	50

**Fire clip internal
MTRS100**

code	trunking size	pack
FCMTRS100	100 x 100mm	50

**Fire clip internal
MTRS100/50**

code	trunking size	pack
FCMTRS100/50	100 x 50mm	50

Fire clip fixings

**Masonry screws &
washers**

code	pack
FCMS	100

**Cavity fixings & screws**

code	pack
FCCS	50

We recommend using self tapping masonry or cavity screws and washers for all Fire clip installations in order to assist with meeting BS 7671 Wiring Regulations.

ACCESSORY BOXES, PLATES AND ENCLOSURES

Surface and flush accessory boxes, enclosures and accessories for use with trunking and conduit.

ACCESSORY BOXES, PLATES AND ENCLOSURES

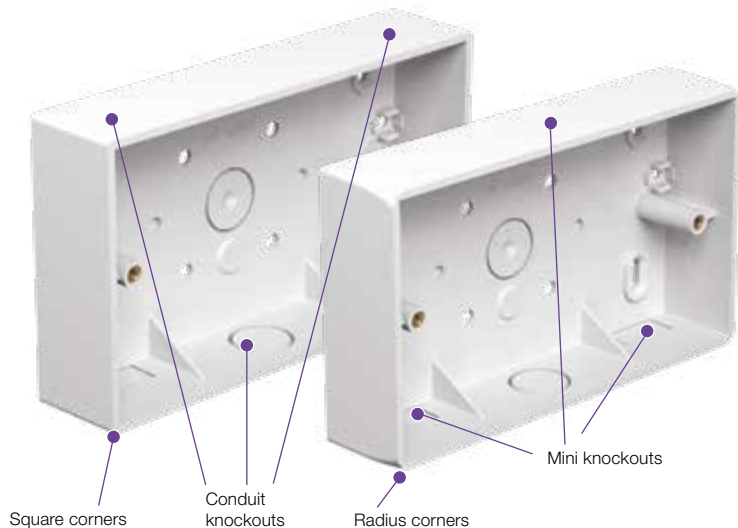


SWITCH AND SOCKET BOXES

Switch and socket boxes for use with conduit or mini trunking with a range of knockout options.

Product information

- Universal boxes with knockouts for both conduit and mini
- Radius and square corner variants
- External dimensions: 1 gang - 87 x 87mm;
2 gang - 87 x 147mm
- M3.5 brass inserts
- Can be cut and drilled without the risk of shattering
- Boxes comply with BS 4662:2006+A1:2009
- Moulded enclosures and earth rod boxes



Square corners



1 gang accessory box with KO 3 x MMT2 & 3 x MMT1

code	depth	pack
MSSB28WH	19mm	20



1 gang accessory box with KO 1 x MMT2 & 1 x CR6/CR2

code	depth	pack
MSSB91WH	32mm	20
MSSB71WH	44mm	10



2 gang accessory box with KO 3 x MMT2 & 3 x CR6/CR2

code	depth	pack
MSSB92WH	32mm	10
MSSB72WH	44mm	5

Standard Colour
WH
WH: White

Radius corners



1 gang accessory box with KO 3 x MMT2 & 3 x MMT1

code	depth	pack
MSSB27WH	19mm	20



1 gang accessory box with KO 1 x MMT2 & 1 x CR6/CR2

code	depth	pack
MSSB93WH	32mm	20
MSSB73WH	44mm	10



2 gang accessory box with KO 3 x MMT2 & 3 x CR6/CR2

code	depth	pack
MSSB94WH	32mm	10
MSSB74WH	44mm	5



2 x 1 gang accessory box with KO 2 x MMT2

code	depth	pack
MSSB82WH	32mm	10

Shrouded entry boxes



1 gang box with integral MMT2 adapter

code	depth	pack
MSSB15WH	32mm	20

Square corners



2 gang box with integral MMT2 adapter

code	depth	pack
MSSB16WH	32mm	20

Square corners



Circular box with integral MMT2 adapter

code	depth	pack
MCMR20WH	24mm	5

Cover plates



Flat cover plate 2mm deep

code	Size O/A	pack
MSCP2WH	86 x 86mm	20
MSCP3WH	86 x 146mm	10

Not available in black

Moulded enclosures



Product information

- Degree of protection IP66.
- Raised pads in base of box to allow accessory mounting nuts to be recessed.
- Silicon rubber lid seal supplied as standard.
- Brass inserts M3.5 with stainless countersunk fixing screws.
- Suitable for drilling or cutting.
- Raised flat lid for strength.

Moulded enclosure unit (Adaptable box)

code	external size	pack
MTAB75AWH	81 x 81 x 67mm	10
MTAB100AWH	106 x 106 x 67mm	10
MTAB150BWH	155 x 155 x 92mm	4

Also available in black

Earth rod box



Product information

- Protects connection to earth rod.
- Earth rod/cable entry $\varnothing$ 7-10.5mm.

Earth rod box

code	external size	pack
MECB75BK	81 x 81 x 67mm	10

FLUSH MOUNTED DRY LINING BOXES

Flush mounted boxes for use within stud walls for alleviating the necessity of using noggins. Boxes feature a wide securing flange around the outer rim.

Product information

- Wide securing flange to prevent box passing through cavity
- Swivelling snap out clamps will tightly grip a range of standard thickness building boards
- Earth terminal provision incorporated
- Available with Envirograf® intumescent (fire barrier) pads to comply with BS 7671 and document B (Volume 1 & 2) of UK Building Regulations

Standard Colour
WH
WH: White

Snap out clamps with size identification by colour:

Wall thickness adjustment	Clamp colour
1 - 9mm	Grey
6 - 14mm	White
18 - 25mm	Green
9 - 26mm	Black



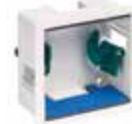
Standard



1 gang 34mm internal depth		
code	adjustment	pack
MDLB1WH	6-14mm	20
MDLB7WH	18-25mm	20



2 gang 34mm internal depth		
code	adjustment	pack
MDLB2WH	6-14mm	10
MDLB8WH	18-25mm	10



1 gang 34mm internal depth with barrier pad		
code	adjustment	pack
MDLB1FWH	6-14mm	20
MDLB7FWH	18-25mm	20



2 gang 34mm internal depth with barrier pad		
code	adjustment	pack
MDLB2FWH	6-14mm	10
MDLB8FWH	18-25mm	10



Dual gang 34mm internal depth		
code	adjustment	pack
MDLB22WH	6-14mm	5

Circular boxes



Double back entry - loop in 34mm internal depth	
code	pack
MDCRB2WH	10



Double back entry - loop in 34mm internal depth with barrier pad	
code	pack
MDCRB2FWH	10

Circular boxes
Fix centre = 50.8/60.3mm
Ø cut out = 70mm
For board thickness from 9-32mm measured from the face of the board.

Shallow



1 gang 25mm internal depth		
code	adjustment	pack
MDLB13WH	1-9mm	10



2 gang 25mm internal depth		
code	adjustment	pack
MDLB14WH	1-9mm	10

Accessories



Brass earthing terminal		
code	Rating	pack
MET1	15 Amp	100

Deep



1 gang 46mm internal depth		
code	adjustment	pack
MDLB29WH	9-26mm	10



2 gang 46mm internal depth		
code	adjustment	pack
MDLB30WH	9-26mm	5



1 gang 46mm internal depth barrier pad		
code	adjustment	pack
MDLB29FWH	9-26mm	10



2 gang 46mm internal depth with barrier pad		
code	adjustment	pack
MDLB30FWH	9-26mm	5

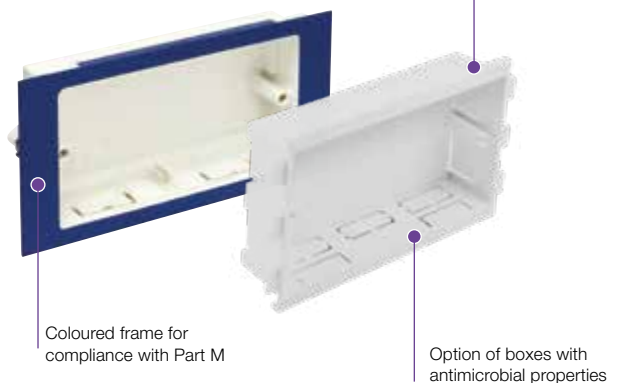
ACCESSORY BOXES, PLATES AND SPACERS

A range of white and coloured accessory boxes for installation into our trunking systems.

Product information

- Accept standard UK accessories
- Standard screw fixing centres
- Adjustable depth
- Coloured options in blue RAL 5002 and black RAL 9005
- Accessory boxes manufactured with antimicrobial properties for use with Sterling Curve Bio (ESSB1BIOWH and ESSB2BIOWH).

Approved Document M of the UK Building Regulations for Visual Impairment requires that face plates differ in colour from their background. Coloured accessory boxes provide a different colour frame to contrast against standard white accessories.



*RCD/MCB Housing

code	pack
EAHCA1MWH	1

*Up to 4 modules can be accommodated

Note: RCD/MCBs not supplied by Marshall-Tufflex



1 gang accessory box (30mm deep)

code	colour	pack
ESSB1WH	white	20
ESSB1BIOWH	white bio	20
ESSB1BK	black	20



2 gang accessory box (30mm deep)

code	colour	pack
ESSB2WH	white	10
ESSB2BIOWH	white bio	10
ESSB2BK	black	10



1 gang adjustable depth box

code	depth	pack
EAB1WH	32 – 47mm	10



2 gang adjustable depth box

code	depth	pack
EAB2WH	32 – 47mm	5



Accessory box spacer bio

code	size	colour	pack
ES1WH	14mm	white	4

For use between accessory boxes



1 gang accessory plate bio

code	pack
ESSP1WH	2



2 gang accessory plate bio

code	pack
ESSP2WH	2



1 gang accessory box (30mm deep)

code	colour	pack
ESPM1BU	blue	1
ESPM1BK	black	1



2 gang accessory box (30mm deep)

code	colour	pack
ESPM2BU	blue	1
ESPM2BK	black	1



Retrofit accessory box spacer

code	description	pack
ES3BK	black	4



Accessory box spacer (14mm)

code	description	pack
ES1BK	black	4

For use between accessory boxes

Please note, these boxes are not suitable for use with Odyssey trunking.

Boxes for Odyssey trunking are shown with the range on page 24.

CONDUIT AND CHANNEL SYSTEMS

Round and oval PVC-U conduit
channel and fittings.

CONDUIT AND CHANNEL SYSTEMS



CONDUIT AND CHANNEL

Conduit and channel made from super high impact self-extinguishing PVC-U.

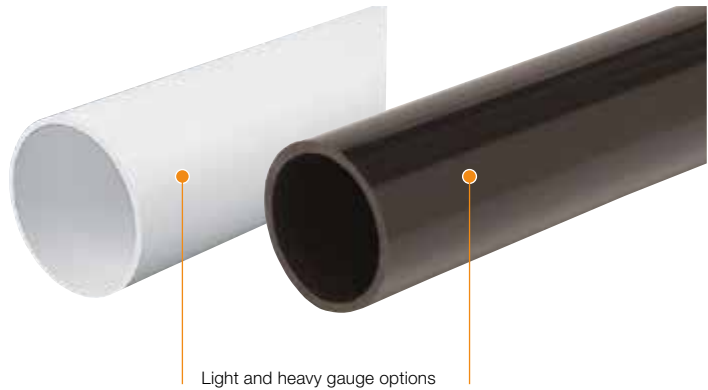
Product information

Conduit

- Light and heavy gauge options
- Meet requirements for BS 4607, BS EN 61386-1: 2008+A1:2019, BS EN 61386-21:2021+A11:2021 and BS EN 61386-25:2011 where applicable
- Fire clips and straps to support cables and prevent premature collapse in the event of a fire.

Boxes

- Provision for MET1 brass earth terminal
- All boxes have threaded brass inserts



Light and heavy gauge options

Standard Colours

WH

BK

WH: White BK: Black

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.



Light gauge

code	O.D	pack
CR2WH	20mm	30 x 3m
CR3WH	25mm	30 x 3m
CR4WH	32mm	10 x 3m



Heavy gauge 3m lengths

code	O.D	pack
CR6WH	20mm	30 x 3m
CR7WH	25mm	30 x 3m
CR8WH	32mm	10 x 3m



Oval conduit (white only)

code	dimensions	pack
EC016WH	13 x 8mm	50 x 3m
EC017WH	16 x 10mm	50 x 3m
EC018WH	23 x 11mm	50 x 3m
EC019WH	29 x 11mm	20 x 3m
EC020WH	32 x 11mm	20 x 3m



Channel (white only)

code	dimensions	pack
ECC21WH	12 x 8mm	50 x 2m
ECC22WH	25 x 8mm	50 x 2m
ECC23WH	38 x 9mm	50 x 2m



Expansion couplers

code	size	pack
MEC2WH	20mm	25
MEC3WH	25mm	10

Should be fitted over a clear gap between two round rigid conduits



Straight couplers

code	size	pack
MC2WH	20mm	100
MC3WH	25mm	50
MC4WH	32mm	25



Reducers

code	size	pack
MR2WH	25 x 20mm	50

Don't forget Firefly clips to comply with the current edition of BS 7671 Wiring Regulations - see page 49



Inspection elbows

code	size	pack
MIE2WH	20mm	20

For 25mm size use Inspection Bend



Inspection bends

code	size	pack
MIB2WH	20mm	20
MIB3WH	25mm	20



Inspection tees

code	size	pack
MIT2WH	20mm	20
MIT3WH	25mm	20



Plain bends

code	size	pack
MNB2WH	20mm	25
MNB3WH	25mm	10
MNB4WH	32mm	20

**Adaptors (Female thread)**

code	size	pack
MAB2WH	20mm	100
MAB3WH	25mm	50
MAB4WH	32mm	25

**Adaptors (Male thread)**

code	size	pack
MA7WH	20mm	100
MA8WH	25mm	50

**Adaptors (Clip-in spout)**

code	size	pack
MCA2WH	20mm	100

Not available in black

**Male bushes**

code	size	pack
MMB2WH	20mm	100
MMB3WH	25mm	100
MMB4WH	32mm	25

**Threaded lockrings**

code	size	pack
MLR2WH	20mm	100
MLR3WH	25mm	50

**Round 'U' clips**

code	size	pack
MMC2WH	20mm	100
MMC3WH	25mm	50
MMC4WH	32mm	25

**Oval clips**

code	size	pack
MOC1WH	13mm	100
MOC2WH	16mm	100
MOC3WH	23mm	100
MOC4WH	29mm	100
MOC5WH	32mm	100

**Strap saddles**

code	size	pack
MSS2WH	20mm	100
MSS3WH	25mm	100

Not available in black

**Spacer bar saddles**

code	size	pack
MSB2WH	20mm	100
MSB3WH	25mm	100
MSB4WH	32mm	50

**Spacer bar snap saddle**

code	size	pack
MSBS2WH	20mm	100

**Dome top threaded cable gland**

code	size	cable size	pack
MCG2SWH	20mm	ø6-12	10
MCG2LWH	20mm	ø8-13	10
MCG3WH	25mm	ø8-13	25

Not available in black

**Plain body cable gland**

code	size	cable size	pack
MCGP2WH	20mm	ø7-10.5	25

Not available in black

**Locknuts
(for use with cable glands)**

code	size	pack
MLN2WH	20mm	100

**Conduit to mini adaptor**

code	size	pack
TAC1/2WH	MMT1/20mm round	20

**Metal spacer bar saddle**

code	conduit	pack
SB20MWH	20mm	100
SB25MWH	25mm	100
SB32MWH	32mm	50

To support cables and prevent premature collapse in the event of a fire.

**Loop-in boxes**

code	size	pack
2MRB12WH	4 x ø20mm KO	20
3MRB12WH*	2 x ø25mm KO	20

*Not available in black

**Terminal**

code	size	pack
2MRB2WH	20mm	20
3MRB2WH	25mm	20

**Through**

code	size	pack
2MRB3WH	20mm	20
3MRB3WH	25mm	20

Circular boxes

PVC-U plain bored circular boxes are suitable for suspending loads of up to 3kg centrally at 60°C maximum. Fixing centres are at 50.8mm and fitted with M4 brass inserts.

**Angle**

code	size	pack
2MRB4WH	20mm	20
3MRB4WH	25mm	20

**Tee**

code	size	pack
2MRB5WH	20mm	20
3MRB5WH	25mm	20

**4-way**

code	size	pack
2MRB6WH	20mm	20
3MRB6WH*	25mm	10

*Not available in black

**Branch 2-way or U**

code	size	pack
2MRB13WH*	20mm	20
3MRB13WH	25mm	20

*Not available in black

**Branch 3-way or Y**

code	size	pack
2MRB14WH	20mm	20
3MRB14WH	25mm	20

Not available in black

**Back outlet**

code	size	pack
2MRB1WH	20mm	20

Not available in black

**Circular rubber gasket**

code	size	pack
MRG1	66mm diam	100

Black only

**Circular lids**

code	size	pack
MCL1WH	flush fitting (65mm diam)	100
MCL2WH	overlapping (85mm diam)	100

**Circular extension rings**

code	size	pack
MER2WH	20mm	20
MER3WH	25mm	20
MER4WH	32mm	20

Circular extension rings have two lugs fitted with M4 brass inserts and two plain bored lugs. Not available in black



For Universal Switch and Socket boxes suitable for conduit/mini installations, see page 42.

**1 gang – adjustable lug**

code	depth	pack
MSSB1WH	35mm	12
MSSB47WH	47mm	10

Entries: 2 x ø20mm on each of 4 sides (MSSB1 and MSSB47)
Not available in black

**2 gang – adjustable lug**

code	depth	pack
MSSB3WH	35mm	6

Entries: 4 x ø20mm on horizontal sides, 2 x ø20mm on vertical sides
Not available in black

Flush mounted boxes

Flush mounted boxes can be used with conduit in plasterboard or solid walls. The flanged lip aids a secure fit between the back box and switchgear reducing the chances of contact with live parts.

1 gang = 74 x 74mm with 60.3 fixing centres
2 gang = 134 x 74mm with 120.6 fixing centres

Accessories



**Bending spring
heavy gauge (green end)**

code	conduit size	pack
MBSH2	20mm	1
MBSH3	25mm	1
MBSH4	32mm	1



**Bending spring
light gauge (white end)**

code	conduit size	pack
MBSL2	20mm	1
MBSL3	25mm	1
MBSL4	32mm	1



Nylon draw tape

code	pack
MDT10	1 x 10m



PVC pipe cutter

code	pack
MTPC42	1



Brass earthing terminal

code	rating	pack
MET1	15Amp	100



Conduit solvent cement

code	pack
MSC	1x250ml

Child resistant lid

Conduit fire straps



**Fire clip 20mm
conduit strap**

code	colour	pack
FCCRC20WH	white	50
FCCRC20BK	black	50



**Fire clip 25mm
conduit strap**

code	colour	pack
FCCRC25WH	white	50
FCCRC25BK	black	50



**Fire clip 32mm
conduit strap**

code	colour	pack
FCCRC32WH	white	50
FCCRC32BK	black	50

Fire clip fixings



**Masonry screws &
washers**

code	pack
FCMS	100



Cavity fixings & screws

code	pack
FCCS	50

We recommend using the masonry or cavity screws and washers for all installations

Regulations

Regulations state that Wiring Systems shall be supported such that they will not be liable to premature collapse in the event of fire. This applies to all access or egress routes not just escape routes. Firefly clips meet the requirements of BS 7671:2018 section 521.10.202 Wiring Regulations to secure all surface cables and to avoid the risk of entanglement in the event of a fire.

METER BOX HOCKEY STICKS

Meter box hockey sticks offer reliable protection for electricity supply cables from the cable duct into the meter box.

Made from high-quality PVC-U and compatible with most domestic electric meter boxes, the products are available in two sizes and are ideal for internal or external use.



Product information

- 38mm or 44mm
- Length - 1450mm
- Compatible with BS EN61386-1/6386-21

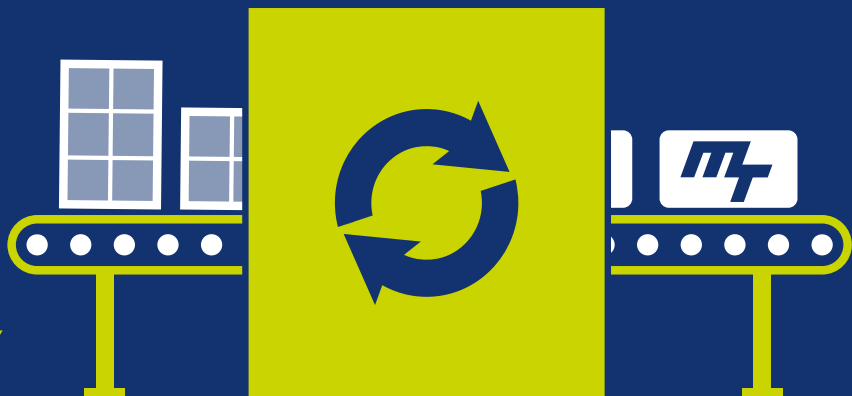


PVC-U hockey stick

code	O.D	pack
HS38WH	38mm	10
HS44WH	44mm	10

WE USE RECYCLED WINDOWS TO CREATE CABLE MANAGEMENT PRODUCTS.

 **REASSURINGLY RECYCLED**



BENDEX

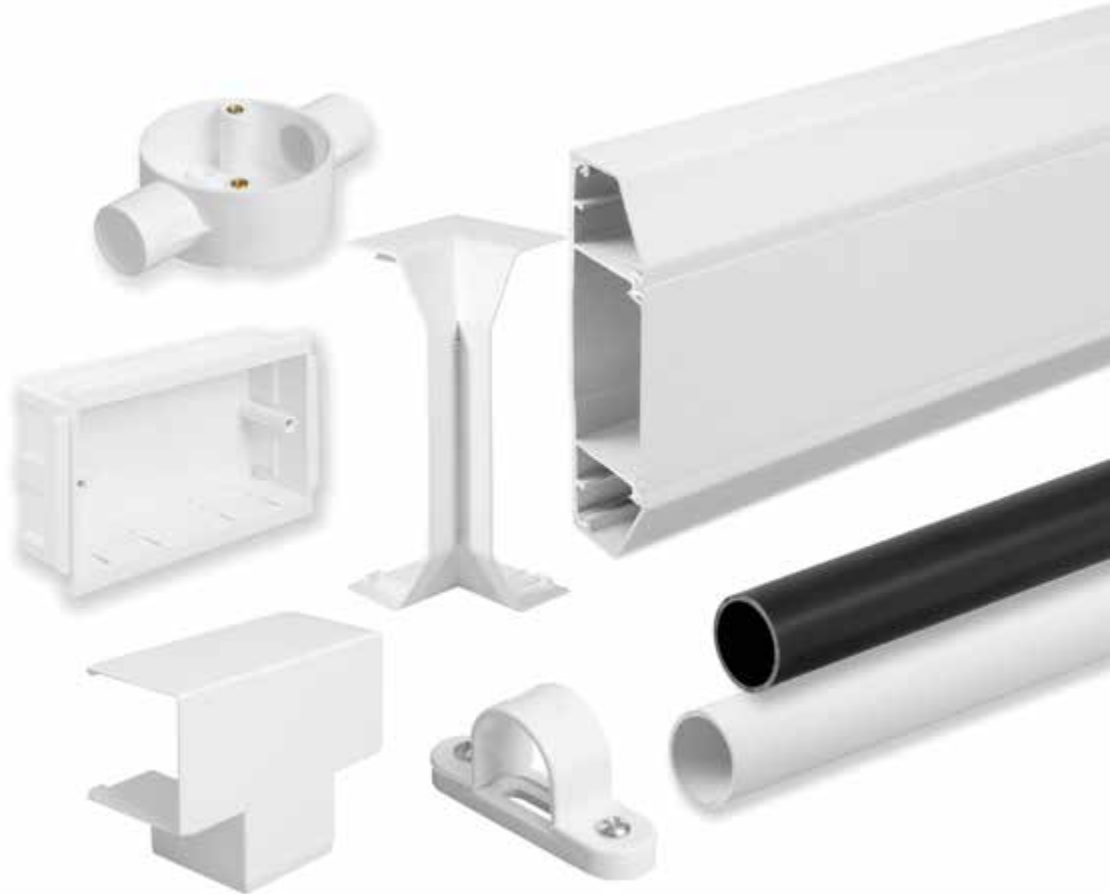
An economical range of cable management solutions including PVC-U trunking, conduit, cable protection guard and accessory boxes.



BENDEX

BENDEX CABLE MANAGEMENT

Bendex is a range of affordably priced essential cable management solutions, manufactured in the UK by Marshall-Tufflex. The range includes PVC-U trunking, conduit, cable protection guard and surface boxes.



BENDEX

Environmental & sustainability



- We use recycled PVC-U in our manufacturing process, reducing carbon emissions in doing so.
- Research has shown that the use of recycled PVC offers a 20-fold reduction in greenhouse gas (GHG) emissions compared to virgin product. 100% recyclable material and has a long life cycle. We encourage our products to be recycled at the end of their useful life.
- PVC-U is a cost-effective, sustainable choice and comparable with other materials such as steel, aluminium, copper and wood.
- Virgin grade PVC-U has the lowest oil content of a commodity plastic.
- No increase in dioxin emission from Municipal Waste Incineration. No phthalates used in manufacture of PVC-U or FR-ABS.
- Lead-free formulations are used for mouldings and extrusions.
- No use of cadmium-based stabilisers or pigments.

Fire performance



- The fire rating for PVC-U is excellent* and PVC-U has all the characteristics required for Fire Escape Time.
- Highly resistant to ignition.
- Does little to contribute to the spread of fire and is classified to Building Regs: Class 0.
- Chars and is self-extinguishing.
- Has a low rate of smoke production during the early stages of a fire.
- Acts as an effective barrier to flame spread from malfunctioning electrical components within systems.
- Does not produce flaming droplets or burning debris.

*see the independent report at www.beama.org.uk

Three Compartment Trunking System**167 x 50mm**

Three compartment trunking system that can be fitted at dado or skirting level.

**Conduit****20, 25 and 32mm round conduit**

Round conduit and fittings for a variety of general wiring requirements.

**Mini Trunking & Accessories****16 x 16mm to 38 x 25mm**

Small containment systems for general wiring requirements. Standard and self fix options.

**Cable Protection Guard****19mm x 19mm to 80mm x 80mm**

To protect cables from impact and damage on telegraph poles and exposed brickwork

**Maxi Trunking & Accessories****50 x 50mm to 100 x 100mm**

Mid-size distribution trunking that can be sub-divided to carry power and data.



Standard colour

Bendex Mini and Maxi trunking systems are available in solid white RAL 9003.

Bendex conduit systems are available in solid white RAL 9003 & black RAL 9005.

Bendex trunking systems are available in solid white RAL 9003.

CHALLENGER TRUNKING

The Challenger three compartment trunking system is compliant up to Cat 7a and suitable for office, school or college environments.

This easy to install system, can be fitted at dado or skirting level and includes a pre-drilled base to speed up installation.

- 167 x 50mm
- Three segregated compartments
- Suitable for dado and skirting application
- Single piece moulded fittings
- Flat tees and flat angles with integral bend radius control
- Self-extinguishing and non-flame propagating PVC-U
- Recycled PVC-U is utilised in the manufacturing process

Data Information

- Compliant up to Cat 7a
- Standard bend radius 25mm



Standard finish

WH

WH: WHITE



Challenger dado trunking assembly is manufactured using 55% recycled material



Challenger skirting trunking assembly is manufactured using 52% recycled material

Trunking profiles



Challenger dado trunking assembly

code	width x height	pack
XT1CWH	167 x 50mm	1 x 3m



Challenger skirting trunking assembly

code	width x height	pack
XT2CWH	167 x 50mm	1 x 3m

Basic components



Base unit

code	pack
XT1BWH	4 x 3m



Main compartment cover

code	pack
XT1CLWH	8 x 3m



Angled cover

code	pack
XT1TBWH	8 x 3m



Square cover

code	pack
XT2TBWH	8 x 3m

Dado fittings

**Coupler**

code	pack
XT1C0WH	2

**End cap**

code	pack
XT1ECWH	2

**Internal bend**

code	pack
XT1IBWH	2

**External bend**

code	pack
XT1EBWH	2

**Flat angle**

code	pack
XT1FAWH (Moulded)	1

**Flat tee**

code	pack
XT1FTWH (Moulded)	1

Fire clips

**Fire clip centre compartment**

code	pack
FCSPC	50

**Fire clip angle/square compartment**

code	comp	pack
FCSPAC	angle	100
FCSPS	square	100

Skirting fittings

**Coupler**

code	pack
XT2C0WH	2

**End cap**

code	description	pack
XT2ECLWH	left	2
XT2ECRWH	right	2

**Internal bend**

code	pack
XT2IBWH	2

**External bend**

code	pack
XT2EBWH	2

**Flat angle - upward**

code	description	pack
XT2FAUWH	moulded	1

**Flat tee - upward**

code	description	pack
XT2FTUWH	moulded	1

Skirting - horizontal.
Dado - vertical.

Accessory boxes

**1 gang outlet box**

code	depth	pack
XTBB1WH	30mm	20

**2 gang outlet box**

code	depth	pack
XTBB2WH	30mm	10

Fittings

**Angled mini trunking adapter**

code	fit	pack
EATA2WH	MMT2	5
EATA4WH	MMT4	5

MINI TRUNKING

Bendex mini trunking is manufactured from white PVC-U and is designed with speed of installation in mind. Available with a self-adhesive backing and a full range of accessories.

Product information

- A variety of sizes from 16 x 16mm to 38 x 25mm
- Self-adhesive version available
- Self-extinguishing and non-flame propagating PVC-U
- Universal boxes for use with both Mini trunking and Conduit



Standard finish

WH

WH: WHITE

Mini trunking profiles



Standard profile

code	size	pack
MT16WH	16 x 16mm	20 x 3m
MT25WH	25 x 16mm	20 x 3m
MT40WH	38 x 25mm	10 x 3m



Self-fixing profile

code	size	pack
SFMT16WH	16 x 16mm	20 x 3m
SFMT25WH	25 x 16mm	20 x 3m
SFMT40WH	38 x 25mm	10 x 3m

Fittings



External coupler

code	size	pack
MT16CWH	16 x 16mm	10
MT25CWH	25 x 16mm	10
MT40CWH	38 x 25mm	10



End cap

code	size	pack
MT16ECWH	16 x 16mm	10
MT25ECWH	25 x 16mm	10
MT40ECWH	38 x 25mm	10



Internal angle

code	size	pack
MT16IAWH	16 x 16mm	10
MT25IAWH	25 x 16mm	10
MT40IAWH	38 x 25mm	10



External angle

code	size	pack
MT16EAWH	16 x 16mm	10
MT25EAWH	25 x 16mm	10
MT40EAWH	38 x 25mm	10



Flat angle

code	size	pack
MT16FAWH	16 x 16mm	10
MT25FAWH	25 x 16mm	10
MT40FAWH	38 x 25mm	10



Flat tee

code	size	pack
MT16TWH	16 x 16mm	10
MT25TWH	25 x 16mm	10
MT40TWH	38 x 25mm	10

Surface boxes



1 Gang Universal Box

code	description	pack
SB1RCWH	Round corners 32mm deep	20
SB1SCWH	Square corners 32mm deep	20



2 Gang Universal Box

code	description	pack
SB2RCWH	Round corners 32mm deep	10
SB2SCWH	Square corners 32mm deep	10



Surface box adaptor

code	description	pack
MTA25WH	25mm Adaptor	10



Ceiling rose adaptor

code	description	pack
MTCRBWH	2 K.O. for MT16/MT25	10

Will accept all popular brands of ceiling rose. Supplied with fixing screws. Fixing centres 50.8mm. Internal depth 12mm. External diameter 81mm

MAXI TRUNKING

Bendex maxi trunking is a mid-size distribution trunking that can be sub-divided to carry power and data. Manufactured from white PVC-U.

Product information

- A variety of sizes from 50 x 50mm to 100 x 100mm
- Single or divided compartment options
- Self-extinguishing and non-flame propagating PVC-U

Standard finish
WH
WH: WHITE



Maxi trunking profiles



Maxi trunking profile

code	size	pack
CT30WH	50 x 50mm	6 x 3m
CT50WH	75 x 75mm	6 x 3m
CT60WH	100 x 100mm	2 x 3m
CT70WH	100 x 50mm	4 x 3m



Self-fixing dividing fillet

code	size	pack
SFDF50WH	50mm	10 x 3m

Fittings



Coupler

code	size	pack
CT30CWH	50 x 50mm	10
CT50CWH	75 x 75mm	5
CT60CWH	100 x 100mm	5
CT70CWH	100 x 50mm	10



Joint cover

code	size	pack
CT30JCWH	50 x 50mm	1
CT70JCWH	100 x 50mm	1



End cap

code	size	pack
CT30ECWH	50 x 50mm	10
CT50ECWH	75 x 75mm	10
CT60ECWH	100 x 100mm	1
CT70ECWH	100 x 50mm	1



Internal angle

code	size	pack
CT30IAWH	50 x 50mm	1
CT50IAWH*	75 x 75mm	1
CT60IAWH*	100 x 100mm	1
CT70IAWH	100 x 50mm	1

* Fabricated



External angle

code	size	pack
CT30EAWH	50 x 50mm	1
CT50EAWH*	75 x 75mm	1
CT60EAWH*	100 x 100mm	1
CT70EAWH	100 x 50mm	1

* Fabricated



Flat angle

code	size	pack
CT30FAWH	50 x 50mm	1
CT50FAWH*	75 x 75mm	1
CT60FAWH*	100 x 100mm	1
CT70FAWH	100 x 50mm	1

* Fabricated



Flat tee

code	size	pack
CT30TWH	50 x 50mm	1
CT50TWH*	75 x 75mm	1
CT60TWH*	100 x 100mm	1
CT70TWH	100 x 50mm	1

* Fabricated

For maxi trunking fire clips see page 40.

CONDUIT SYSTEMS

Bendex round heavy gauge conduit and fittings manufactured from high impact, self extinguishing PVC-U.

Product information

- Heavy gauge conduit
- 20, 25 and 32mm round conduit in black or white

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Standard finish	
WH	BK
WH: WHITE BK: BLACK	



Conduit



Heavy gauge conduit

code	O.D	pack
HG20WH	20mm	30 x 3m
HG25WH	25mm	30 x 3m
HG32WH*	32mm	10 x 3m

* Available in white only

Conduit fittings



Expansion coupler

code	size	pack
EX20WH	20mm	20



Straight coupler

code	size	pack
SC20WH	20mm	100
SC25WH	25mm	50
SC32WH*	32mm	25

* Available in white only



Elbow bend

code	size	pack
IE20WH	20mm	20



Inspection bend

code	size	pack
IB20WH	20mm	20
IB25WH	25mm	20



Inspection tee

code	size	pack
IT20WH	20mm	20
IT25WH	25mm	20



Normal bend

code	size	pack
NB20WH	20mm	25
NB25WH	25mm	10



Female adapter

code	size	pack
A20MBWH	20mm	100
A25MBWH	25mm	50
A32MBWH *	32mm	25

* Available in white only



Male adapter

code	size	pack
A20LRWH	20mm	100
A25LRWH	25mm	50



Male bush threaded

code	size	pack
MB20WH	20mm	100
MB25WH	25mm	100



Lock ring

code	size	pack
LR20WH	20mm	100
LR25WH	25mm	100



Spring clip saddle

code	size	pack
SCS20WH	20mm	100
SCS25WH	25mm	50

Conduit fittings

**Spacer bar saddle**

code	size	pack
SBS20WH	20mm	100
SBS25WH	25mm	50
SBS32WH*	32mm	50

* Available in white only

**Bending spring**

code	size	pack
BS20H	20mm heavy	1
BS25H	25mm heavy	1

Marshall-Tufflex conduit fire straps can also be used with Bendex conduit. Please see page 55.

Circular boxes

**Loop-in box (4 knockouts)**

code	size	pack
LIB20K0WH	20mm	20

**1 way terminal box**

code	size	pack
CJB201WTWH	20mm	20
CJB251WTWH	25mm	20

**2 way through box**

code	size	pack
CJB202WTWH	20mm	20
CJB252WTWH	25mm	20

**2 way angle box**

code	size	pack
CJB202WAWH	20mm	20
CJB252WAWH	25mm	20

**3 way angle box**

code	size	pack
CJB203WTWH	20mm	20
CJB253WTWH	25mm	20

**4 way intersection box**

code	size	pack
CJB204WTWH	20mm	20
CJB254WTWH	25mm	20

Accessories

**Extension ring**

code	size	pack
ER20WH*	20mm	20
ER25WH*	25mm	20

*Available in white only

**Circular lid**

code	size	pack
LID1WH	65mm	100

**Overlapping lid**

code	size	pack
LID2WH*	85mm	50

* Available in white only

**Adhesive**

code	size	pack
MSC	250ml	1

CABLE PROTECTION GUARD

Bendex cable protection guard is the perfect solution to protect cables from impact and damage on telegraph poles and exposed brickwork. Highly shock-resistant but light in weight, it is easy to transport and install thanks to pre-drilled screw holes.

Product information

- Supplied with pre-drilled screw holes for easy installation
- Lightweight and easily transported
- Shock resistant
- Manufactured in high quality black PVC-U for extra impact protection
- Bendex cable guard is BT specified



Cable protection guard		
code	size	pack
CG19BK	19 x 19mm	10 x 3m
CG25BK	25 x 25mm	10 x 3m
CG40BK	40 x 40mm	10 x 3m
CG55BK	55 x 55mm	10 x 3m
CG80BK	80 x 80mm	5 x 3m



ALUMINIUM TRUNKING SYSTEMS

Aluminium cable containment is an excellent choice of material for office areas that need a stylish but mechanically robust trunking and for industrial, workshop and laboratory installation, particularly where a high quality of screening performance is required.

ALUMINIUM TRUNKING SYSTEMS

Aluminium trunking systems are light to handle with high mechanical strength and impact-resistance. Extruded sections provide attractive profiles and products are finished with a high quality powder-coat that provides a blemish-resistant surface.

Aluminium trunking systems provide elegant, streamlined containment with the practical advantages of inherent LSOH (low smoke zero halogen). Aluminium is an excellent choice for office and educational areas requiring a stylish yet robust trunking system, particularly effective where a high quality of screening performance and security is required.

Marshall-Tufflex offer a wide range of multi-compartment aluminium trunking in different heights, designs, cable capacities and numbers of compartments.

Standard colour

Our aluminium trunking systems are all available in silver grey RAL 9006. Some systems are also available in white RAL 9016 as per the table below..

Colour	Colour code suffix	Bench trunking	Elegance 110	Sterling Curve dado	Sterling Curve skirting	Twin Plus	XL dado	XL skirting
Silver Grey (RAL 9006)	SG	✓	✓	✓	✓	✓	✓	✓
White (RAL 9016)	WH	✓		✓				

Environmental & sustainability



- Aluminium is naturally found combined in over 270 different minerals, the chief source of which is bauxite ore.
- Its light weight means less strain on supporting structures, easier handling and reduced transport costs.
- 100% recyclable material and can be recycled many times without loss of quality.
- Recycling facilities are well established.

EMI protection



- First class EMI screening performance especially at higher frequencies.

Fire performance

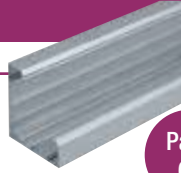


- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LSOH.
- Withstands high temperatures with a melting point of 655°C (1211°F).
- Polycarbonate fittings are fire-rated to UL94 V0.

Bench trunking

105 x 105mm

Desk and laboratory trunking.



Page
64

*Available in silver-grey RAL 9006 and white RAL 9016.

Twin Plus

210 x 57mm

Large capacity dado and skirting trunking with two deep compartments with in-built segregation of power and data.



Page
68

*Only available in silver-grey RAL 9006.

Elegance 110

110 x 55mm

Dado and skirting trunking with a single cover.



Page
65

*Only available in silver-grey RAL 9006.

XL dado

220 x 65mm

Dado trunking with three deep compartments.



Page
69

*Only available in silver-grey RAL 9006.

Sterling Curve dado

167 x 50mm

A stylish curved three compartment dado trunking system designed to stop clutter, avoid dust traps and to make cleaning easy.



Page
66

*Available in silver-grey RAL 9006 and white RAL 9016

XL skirting

220 x 65mm

Skirting trunking with three deep compartments.



Page
69

*Only available in silver-grey RAL 9006.

Sterling Curve skirting

167 x 50mm

A stylish curved three compartment skirting trunking system designed to stop clutter, avoid dust traps and to make cleaning easy.



Page
66

*Only available in silver-grey RAL 9006.

Components, Boxes & Plates

Accessory boxes, plates and components suitable for use with our aluminium trunking systems.



Page
70

BENCH TRUNKING ALUMINIUM

Bench trunking aluminium is a robust angled trunking that can be mounted directly on to desks, work benches or fitted under shelving.

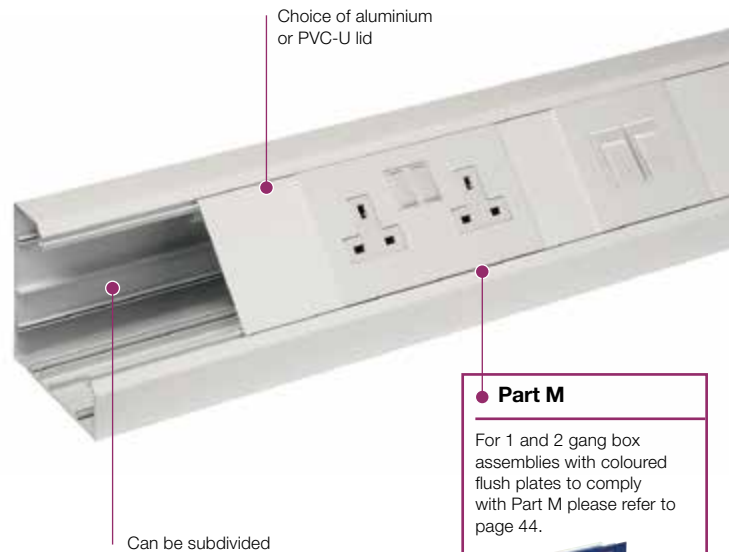
Product information

- 105 x 105mm
- Suitable for desk, bench or worktop applications
- Can be subdivided
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LSOH

Data information

- Compliant up to Cat 7a
- Adjustable data box 32-40mm

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



COMPLIANT UP TO
...CAT 7A...

Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 44.



These products are manufactured from PVC-U and are not LSOH

Standard Colours	
WH	SG
WH: White	SG: Silver Grey

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.

Basic components



Base unit

code	size	pack
MBTAB105SG	105 x 105mm	1 x 3m

For bonding of base to base use LBS2



Cover

code	material	pack
MBTAL105SG	aluminium	1 x 3m
ETL1WH	PVC-U	8 x 3m

For bonding of cover to base use LBS2

Aluminium base and PVC-U cover

Our PVC-U cover is compatible with our aluminium base. Order ETL1WH PVC-U cover



Dividing fillet

code	material	pack
BDF105WH	PVC-U	4 x 3m

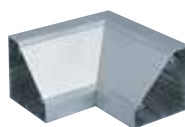
Fittings



End cap

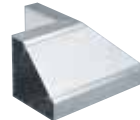
code	material	pack
BECA105SG	aluminium	1

Supplied with fixing screws
For bonding of end cap to base use LBS5



Internal angle

code	material	pack
BIAA105SG	aluminium	1



External angle

code	material	pack
BEAA105SG	aluminium	1

For components and boxes see page 70

ELEGANCE 110 ALUMINIUM

Elegance 110 aluminium is a small, rectangular, dado trunking system with a single cover. It is particularly useful for workshop or laboratory supply or in a commercial environment where extra mechanical strength is necessary.

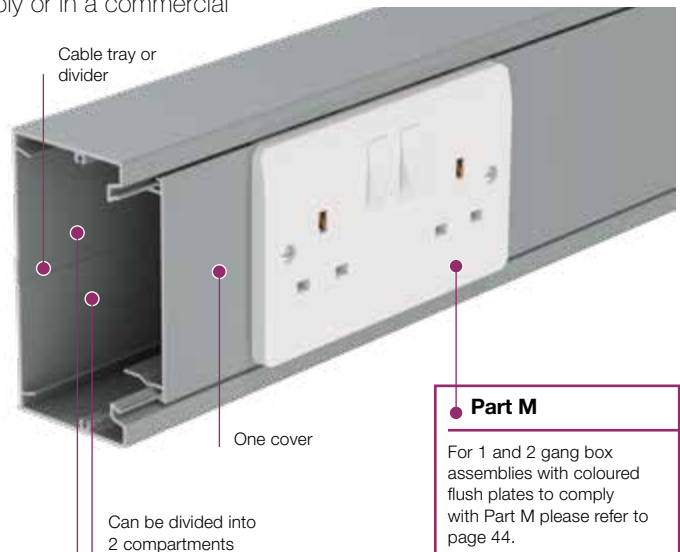
COMPLIANT UP TO
CAT 7A

Product information

- 110 x 55mm
- Compliant up to Cat 7a
- Suitable for dado and skirting applications
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LSOH

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

Standard Colour
SG
SG: Silver Grey



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 44.



These products are manufactured from PVC-U and are not LSOH

Basic components



Base unit

code	pack
LTB2SG	1 x 3m

For bonding base to base use LBS2



Main compartment cover

code	pack
LTL1SG	1 x 3m

For bonding cover to base use LBS2



PVC-U Self-fixing dividing fillet

code	size	pack
SFDF50WH	50mm	10 x 3m

Fittings



End caps

code	pack
LECPSSG	1

Supplied with screws
 For bonding end cap to base use LBS5



Internal bend

code	pack
LIBPSSG	1



External bend

code	pack
LXBPSSG	1



Flat angle

code	pack
LFASSG	1



Flat tee

code	pack
LFTSSG	1

For components and boxes see page 70

STERLING CURVE ALUMINIUM

Sterling Curve Aluminium is a robust and stylish Cat 7a compliant perimeter dado or skirting system that is easy and cost effective to use. The adaptable system has a curved outer top compartment to stop clutter and aid cleaning.

Product information

- 167 x 50mm
- 3 segregated compartments
- Suitable for dado and skirting application
- Boxes available to comply with Part M (DDA)
- Single piece moulded polycarbonate couplers, end caps, internal and external bends
- Fabricated aluminium flat tees and flat angles

Data information

- Compliant up to Cat 7a
- Standard bend radius 25mm
- Adjustable data box 32-40mm

COMPLIANT UP TO
...CAT 7A...



Part M

For box assemblies and spacers that meet the requirements of Part M (DDA) please refer to page 44.



These products are manufactured from PVC-U and are not LS0H

Trunking profiles



Curve dado

size 167 x 50mm



Curve skirting

size 167 x 50mm

For components and boxes see page 70

Basic components



Base unit

code	pack
ETB300MMF	1 x 3m

For bonding base to base use LBS2



Main compartment cover

code	pack
LTL1SG	1 x 3m

For bonding cover to base use LBS2



Curve cover

code	pack
CETC300SG	1 x 3m

For bonding cover to base use LBS2



Square cover

code	pack
ETSC300SG	1 x 3m

For bonding cover to base use LBS2

Dado fittings

**Coupler**

code	material	pack
CECP1MASG	polycarbonate	1

**End cap**

code	material	pack
CEEC1MASG	polycarbonate	1

**Internal bend**

code	material	pack
CEIBP1MASG	polycarbonate	1

**External bend**

code	material	pack
CEXBP1MASG	polycarbonate	1

**Flat angle fabricated**

code	material	pack
CEFA1ASG	aluminium	1

**Flat tee fabricated**

code	material	pack
CEFT1ASG	aluminium	1

**Internal bend**

code	material	pack
CEIBP1FASG	aluminium	1

**External bend**

code	material	pack
CEXBP1FASG	aluminium	1

Skirting fittings

**Coupler**

code	material	pack
CECP2MASG	polycarbonate	1

**End cap**

code	material	pack
CEEC2MARHSG	polycarbonate	1
CEEC2MALHSG	polycarbonate	1

LH = Left hand RH = Right hand

**Internal bend**

code	material	pack
CEIBP2MASG	polycarbonate	1

**External bend**

code	material	pack
CEXBP2MASG	polycarbonate	1

**Flat angle up fabricated**

code	material	pack
CEFA2ASG	aluminium	1

**Flat tee fabricated**

code	material	pack
CEFT2ASG	aluminium	1

Components

**Main crossover bridge**

code	material	pack
EMCB1	PVC-U	5

**Adaptor to conduit / mini trunking**

code	material	pack
CEAP1MWH	polycarbonate	1

Available in white only

TWIN PLUS ALUMINIUM

Twin Plus aluminium is an extra deep cable management solution incorporating two large segregated high capacity compartments. Twin Plus is specifically designed for carrying large quantities of Cat 7a data cabling.

COMPLIANT UP TO
...CAT 7A...

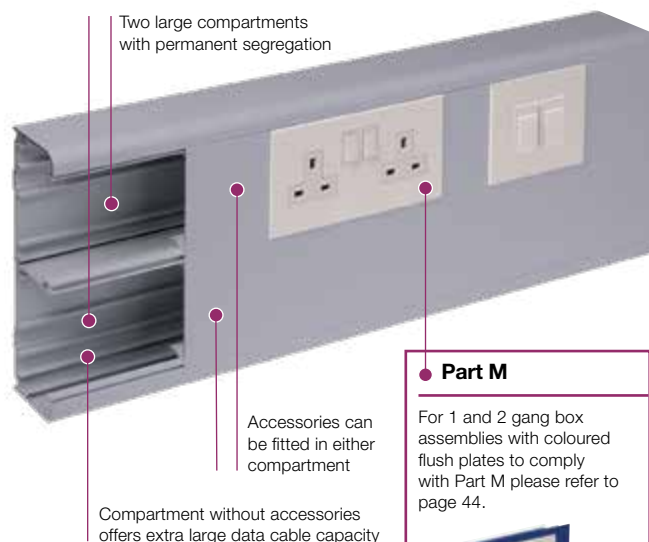
Product information

- 210 x 57mm
- 2 large permanent segregated compartments
- Suitable for dado and skirting applications
- Bends angles and tees with a large bend radius
- Includes a range of clip-on fittings with built-in overlaps
- All fittings are polycarbonate
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LSOH

Data information

- Compliant up to Cat 7a
- 50mm bend radius fittings
- Adjustable data box 32-47mm

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 44.



Standard Colours

SG

SG: Silver Grey



Base unit

code	pack
EMTA60SG	1 x 3m

For bonding base to base use LBS2

Main compartment cover

code	material	pack
LTL1SG	aluminium	1 x 3m

For bonding cover to base use LBS2



Coupler

code	pack
EC60SG	1



End cap

code	pack
EEC60SG	1



Internal bend assembly

code	pack
EIB60SG	1



External bend assembly - standard

code	pack
ESXB60SG	1

Capacity reduced by 50%



Flat angle assembly

code	pack
EFA60SG	1

Covers and cable inserts in Polycarbonate



Flat tee assembly

code	pack
EFTA60SG	1

Flat tees include covers, cable inserts in Polycarbonate with base in aluminium

End cap retaining screws

When installing end caps, additional retention can be achieved by using end cap retaining screws G1310 (pack 40).

For components and boxes see page 70

XL ALUMINIUM

XL aluminium is a deep, three compartment system that provides extra capacity and screening performance levels for data cabling.

COMPLIANT UP TO
...CAT 7A...

Product information

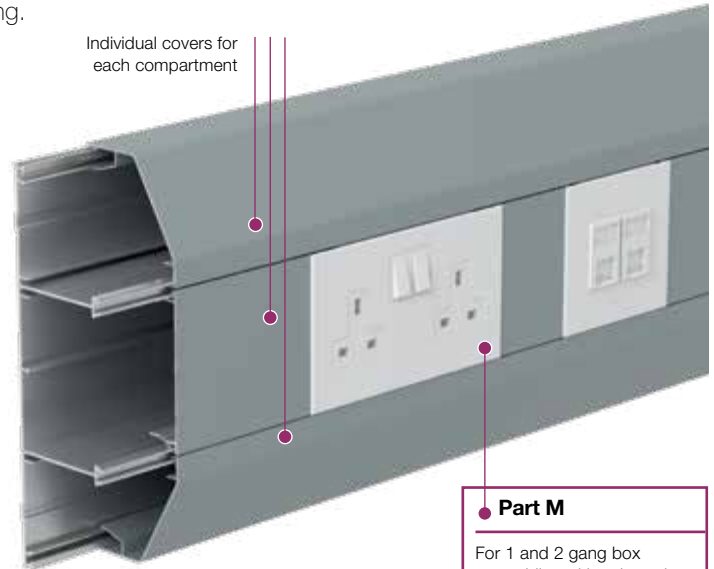
- 220 x 65mm
- Three deep segregated compartments
- Compartments can be subdivided
- Suitable for dado and skirting applications
Includes a range of polycarbonate clip-on fittings with built-in overlaps
- Aluminium systems specified with polycarbonate fittings meet accepted requirements for LS0H

Data information

- Compliant up to Cat 7a
- External bends feature internal segregators
- Adjustable data box 32mm - 47mm
- Screened divider

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.

Standard Colour
SG
SG: Silver Grey



Part M

For 1 and 2 gang box assemblies with coloured flush plates to comply with Part M please refer to page 44.

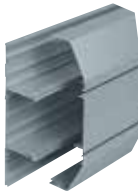


ALUMINIUM TRUNKING SYSTEMS

Trunking profiles

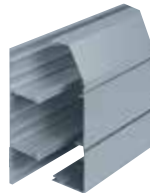
Basic components

XL dado fittings



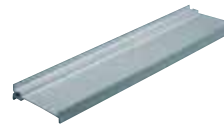
XL dado

size 220 x 65mm



XL skirting

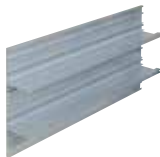
size 220 x 65mm



Dividing fillet (PVC-U)

code	pack
ELDF200	8 x 3m

For components and boxes see page 70



Base unit

code	pack
ELTB300	2 x 3m

For bonding base to base use LBS2



Main compartment cover

code	pack
LTL1SG	1 x 3m

For bonding cover to base use LBS2



Angled cover

code	pack
ELAC300SG	1 x 3m

For bonding cover to base use LBS2



Square cover

code	pack
ELSC300SG	1 x 3m

For bonding cover to base use LBS2



Coupler

code	material	pack
EC301SG	polycarbonate	1



End cap

code	material	pack
EEC301SG	polycarbonate	1



Internal bend

code	material	pack
EIB301SG	polycarbonate	1



External bend

code	material	pack
EXB301SG	polycarbonate	1



Flat angle - up/down

code	material	pack
EFA301SG	aluminium	1



Flat tee - up/down

code	material	pack
EFT301SG	aluminium	1

XL skirting fittings

**Coupler**

code	material	pack
EC302SG	polycarbonate	1

**End cap**

code	material	pack
EEC302LHSG	polycarbonate	1
EEC302RHSG	polycarbonate	1

LH = Left hand RH = Right hand

**Internal bend**

code	material	pack
EIB302SG	polycarbonate	1

**External bend**

code	material	pack
EXB302SG	polycarbonate	1

**Flat angle – upward**

code	material	pack
EFA302USG	aluminium	1

**Flat angle – downward**

code	material	pack
EFA302DSG	aluminium	1

XL skirting flat tees

Where profiles have one angled cover and one square cover, as with XL skirting, it is possible to create a tee by changing the top or bottom cover so that covers match the profile of the trunking. For example:

- Upward tee – select XL dado tee remove the angled bottom cover and replace with square cover.

**Earth bonding kit**

code	pack
LBT3	5

**Coupler pin**

code	description	pack
LDP1	ø2.0 x 20mm	10

To aid alignment of base profiles

**Bonding strap**

code	description	pack
LBS2	base/cover to base	5

**Bonding strap**

code	description	pack
LBS5	end cap to base	1

Components

**RCD/MCB housing**

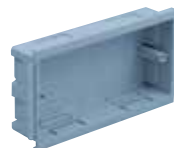
code	pack
EAHCA1MWH	1

Not available in silver grey.
*Up to 4 modules can be accommodated.

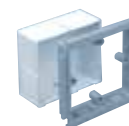
Note: RCDs and MCBs are not supplied by Marshall-Tufflex

**1 gang accessory box 30mm deep**

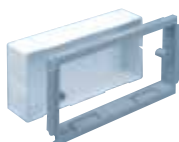
code	pack
ESSB1SG	1
ESSBA1WH	1

**2 gang accessory box 30mm deep**

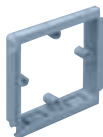
code	pack
ESSB2SG	1
ESSBA2WH	1

**1 gang adjustable depth box**

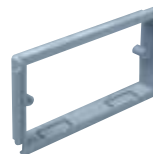
code	depth	pack
EAB1SG	32-47mm	1

**2 gang adjustable depth box**

code	depth	pack
EAB2SG	32-47mm	1

**1 gang accessory plate**

code	pack
ESSP1SG	2

**2 gang accessory plate**

code	pack
ESSP2SG	2

Boxes and plates (polycarbonate)

STEEL TRUNKING SYSTEMS

Steel trunking systems incorporate clean lines with a functionality that provides greater mechanical strength combined with first class fire performance and excellent screening capability.

STEEL TRUNKING SYSTEMS

STEEL TRUNKING SYSTEMS

Steel has a mechanical strength that makes it a robust and durable option for public areas where there is a high footfall. Steel trunking is hard-wearing, with all the advantages of inherent LSOH (low smoke zero halogen).

The system has stylish clean lines and greater mechanical strength combined with first class fire performance, excellent screening capability and increased capacity for power and data services.

- Ease of installation – our base unit has two standard mounting holes of 6.5mm every 500mm
- Multiple earthing possibilities in the trunking, via the multi-purpose clip and coupler set
- Base systems held by internal coupler sets with scraping cams
- Friction fit covers
- Simple to cut system – empty base with no rail to cut through
- Wide range of fittings and accessories

Standard colour

The standard colour for Steel trunking is white RAL 9010.

Standard Colour
WH
WH: White RAL 9010

Environmental & sustainability



- Steel is very friendly to the environment - 100% recyclable material.
- Compared to other materials it requires relatively low amounts of energy to produce.
- Can be recycled many times without loss of quality. The steel industry has been recycling for more than 150 years.
- Recycling one tonne of steel saves 1,100 kilos of iron ore, 630 kilos of coal and 55 kilos of limestone.
- Structural steel typically contains around 95% recycled steel content.
- Recycling facilities are well established.

EMI protection



- Steel naturally has very strong EMI protective properties.

Fire performance



- Steel trunking systems meet accepted requirements for LSOH.
- Withstands high temperatures with a melting point of approximately 1370°C (2500°F).
- Type and thickness of any coating needs to be considered as this can affect fire performance.

System 130**130 x 63mm**

A compact rectangular dado trunking also suitable as a feeder trunking.

Page
74**System 170****170 x 63mm**

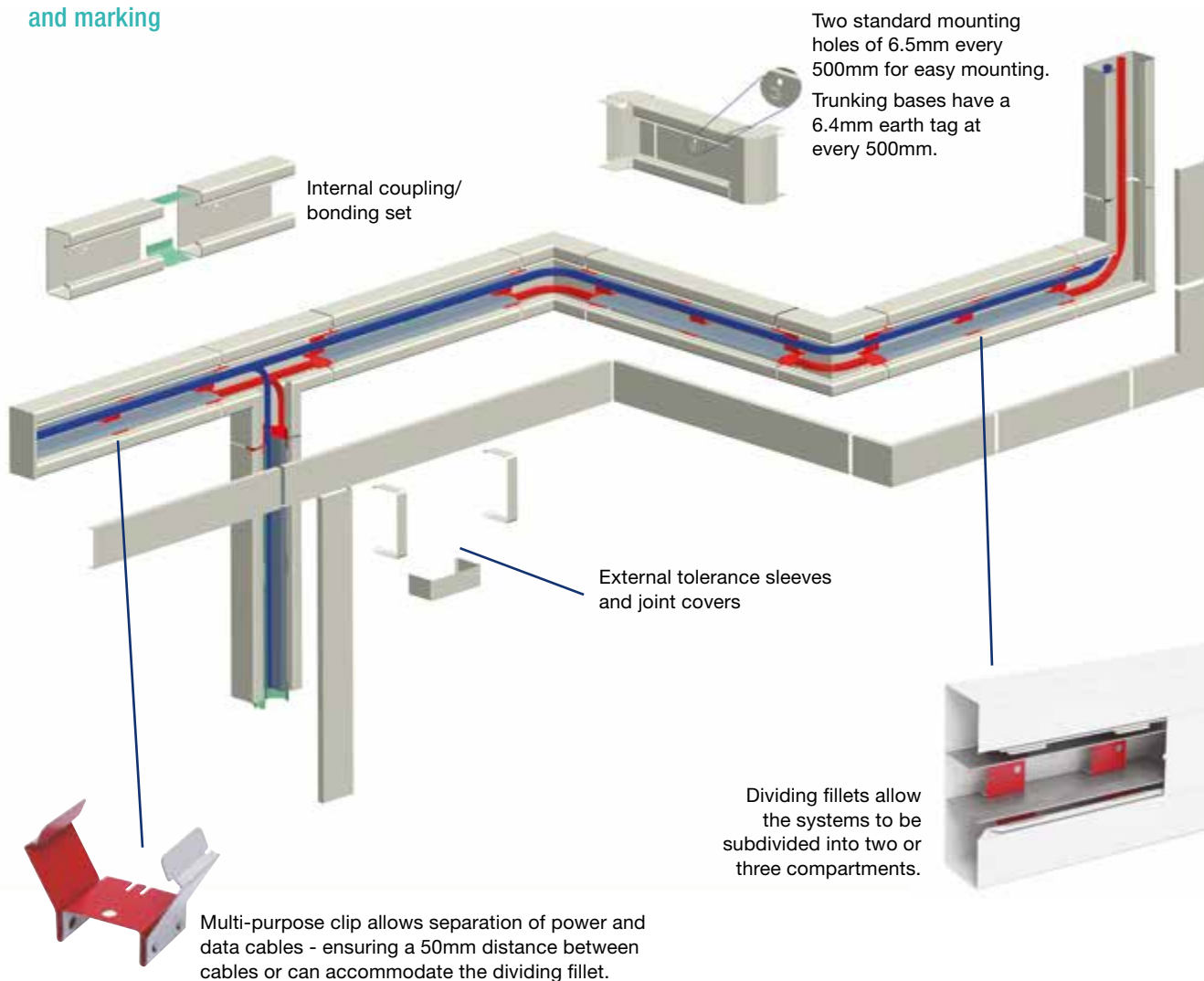
A mid-size rectangular dado and skirting trunking also suitable as a feeder trunking.

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75

Steel Trunking

Steel trunking is a stylish compact pre-galvanised system with a resilient white powder-coat finish that helps prevent smearing and marking

STEEL TRUNKING SYSTEMS



* Please note each length of trunking requires three Universal multi-purpose clips to hold the dividing fillets in place

SYSTEM 130

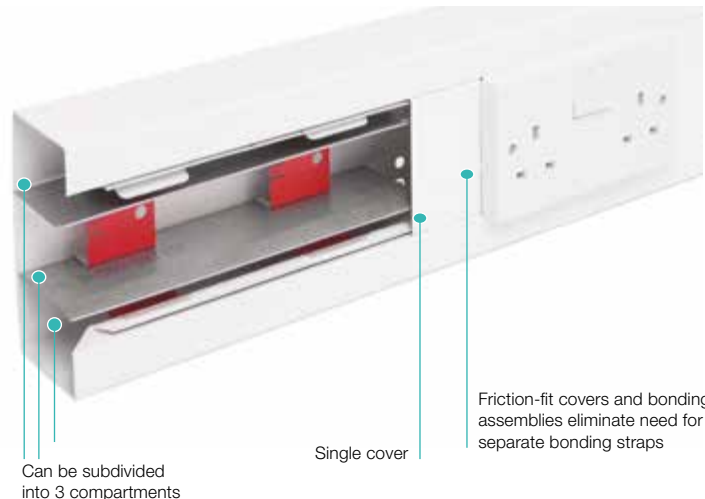
COMPLIANT UP TO
CAT 7A

Steel System 130 is stylish compact pre galvanised trunking system with extra depth and a resilient white powder-coat finish that helps to prevent smearing and marking.

Product information

- 130 x 63mm
- 1 main compartment
- Can be subdivided
- Suitable for dado application
- Compliant up to Cat 7a

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



Base unit

code	size	pack
351215	130 x 63mm	1 x 2m



Cover

code	length	pack
351210	1m	10 x 1m
351230	1.5m	10 x 1.5m

Standard Colour

WH

WH: White RAL 9010

Please note: our steel systems may be subject to lead times. For further information please call the Technical Team on +44 (0)1424 856688.



External tolerance sleeve

code	width	pack
351075	40mm	5



External joint cover

code	width	pack
351105	25mm	5



End cap

code	pack
351045	5

Recommended to use with LBS3



Internal bend base

code	pack
351275	1



External bend base

code	pack
351305	1



External bend cover

code	pack
351240	1



Universal int/ext bend

code	pack
351175	1

Fully adjustable to suit internal or external corners which are not exactly 90 degrees



Flat angle base - up/down

code	pack
351335	1



Flat angle cover

code	pack
351260	1



Flat tee base - up/down

code	pack
351395	1



Internal coupling/bonding set

code	pack
351525	10

Please note: A pack of 10 consists of 10 complete internal couplers

SYSTEM 170

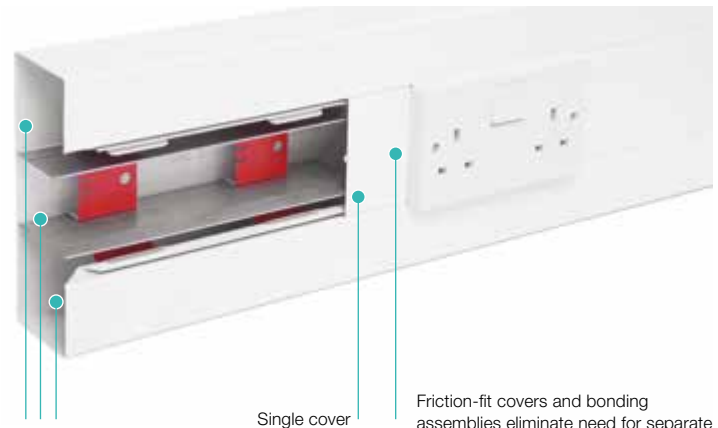
COMPLIANT UP TO
...CAT 7A...

Steel System 170 is a mid-sized pre-galvanised trunking system with extra depth and a resilient white powder-coat finish that helps to prevent smearing and marking.

Product information

- 170 x 63mm
- 1 main compartment
- Can be subdivided
- Suitable for dado and skirting application
- Compliant up to Cat 7a

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



Can be subdivided into 3 compartments

Single cover

Friction-fit covers and bonding assemblies eliminate need for separate bonding straps

Basic components



Base unit

code	size	pack
351216	170 x 63mm	1 x 2m



Cover

code	length	pack
351210	1m	10 x 1m
351230	1.5m	10 x 1.5m

Standard Colour

WH

WH: White RAL 9010

Fittings



External tolerance sleeve

code	width	pack
351076	40mm	5



External joint cover

code	width	pack
351106	25mm	5



End cap

code	pack
351046	5

Recommended to use with LBS3



Internal bend base

code	pack
351276	1



External bend base

code	pack
351306	1



External bend cover

code	pack
351240	1



Universal int/ext bend

code	pack
351176	1

Fully adjustable to suit internal or external corners which are not exactly 90 degrees



Flat angle base - up/down

code	pack
351336	1



Flat angle cover

code	pack
351260	1



Flat tee base - up/down

code	pack
351396	1



Internal coupling/bonding set

code	pack
351526	10

Please note: A pack of 10 consists of 10 complete internal couplers

Components

**Dividing fillets**

code	size	pack
351189	1m	10 x 1m

**Universal multi-purpose clip**

code	pack
351319	1

**End cap bonding strap**

code	pack
LBS3	1

Please note: 3 Universal multi-purpose clips are required per length if using dividing fillets.

**Touch-up paint
RAL 9010**

code	size	pack
351029	25ml	1

Accessories

**1 gang accessory box**

code	depth	pack
RSSB10WH	40mm	12

**2 gang accessory box**

code	depth	pack
RSSB20WH	40mm	6

**Cover spacer for
accessory boxes**

code	width	pack
351220	100mm	10

Boxes

TUFFLEX TILE

A lightweight Correx pattress tile designed to speed up the installation of electrical products within suspended ceiling installations.

TUFFLEX TILE

TUFFLEX TILE

The Tufflex Tile is a quick and easy pattress solution that takes the hassle out of traditional ceiling installations. A cleaner, lighter, safer and faster alternative to wood solutions, the Tufflex Tile is super lightweight, strong and easy to cut or drill meaning installations can be completed far more quickly. Additionally, the product is flame retardant and LSF removing a key component of the fire triangle.

Product information

- Super lightweight Correx material that's easy to handle and store
- Pre-cut 595 x 595mm squares to suit standard ceiling tile dimensions
- No need to cut or saw plywood/MDF
- Pre-chamfered edges for a quick fit
- Tested to hold a 5kg load
- Flame retardant and low smoke fume (LSF)
- Requires less PPE (as no need for cutting and sawing)
- No waste or dust (as no need for cutting and sawing)

Regulations

BS 7671 18th edition wiring regulations, regulation 134.1.1 states that 'the installation of electrical equipment shall take account of manufacturers' instructions - manufacturers recommend that a pattress is required for fixing fittings in suspended ceiling installations.'



Tufflex tile

code		pack
CPT1	595 x 595 x 4mm	25

Compliance & Standards

- DIN 4102 Class B1
- UL94 V2 (reduced to V2 because of droplets, otherwise V0 behaviour)
- ASTM D635 burning time less than 5 seconds
- BS 4662:2006+A1:2009 15.4.3.3 - Pass
- BS 2782 Method 508A - Pass
- UK Building Regs Part B

A quick and easy pattress solution

- ✓ Lightweight
- ✓ Easy to cut
- ✓ No waste/dust
- ✓ Flame retardant

Find out more at

www.marshall-tufflex.com/TufflexTile



WATCH THE VIDEO

For dry lining boxes
see page 43

MT SUPERTUBE

MT Supertube is a LSOH, three layer heavy gauge conduit offering a considerable installation time saving when compared to galvanised steel conduit

MT SUPERTUBE

MT SUPERTUBE

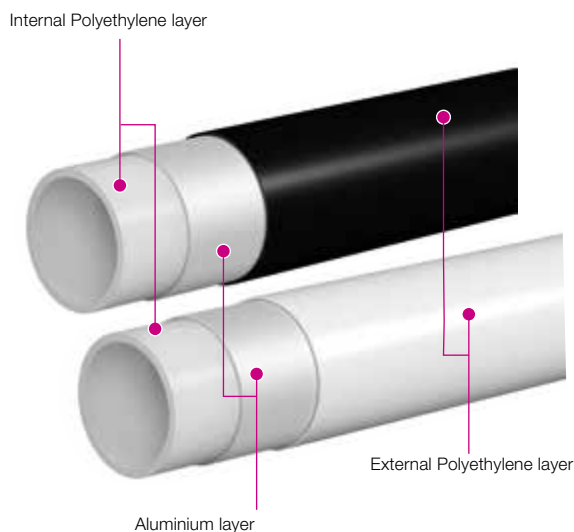


MT Supertube is a unique, LSOH, 3-layer heavy gauge conduit comprising polyethylene internal and external layers over a continuous aluminium tube that provides additional mechanical strength. MT Supertube has excellent EMI screening performance and is a practical and cost-saving alternative to standard galvanised conduits.

Product information

- Ø20mm and Ø25mm
- LSOH conduit
- Excellent screening performance
- Suitable for rail, marine and tunnel applications
- ZERO WASTE: available in continuous lengths of up to 100 metres, meaning fewer fittings per installation
- Longer lengths also prevent ingress of water
- Extra security from data interference
- Suitable for in-screed applications
- Withstands temperatures from -45°C to +120°C
- Nail penetration: MT Supertube complies with requirements of the current version of BS 7671, BS EN 61386-1:2008
- BS 8436 is specification for 300/500V screened electric cable

Note: Allowance must be made for earthing the trunking system to comply with the current version of the BS 7671 Wiring Regulations.



Standard Colours	
WH	BK
WH: White BK: Black	

Colour code suffix: to indicate the finish you require, add the required colour code to the end of the product code.



MT Supertube conduit

code	size	pack
22003WH	20mm	30 x 3m
22503WH	25mm	30 x 3m

MT Supertube coils

code	size	pack
22010BK	20mm	1 x 100m
22505BK	25mm	1 x 50m

Only available in black

Coils and lengths

Tools



Tube cutter

code	size	pack
20001	20-25mm	1



Stripping tool (pre-set)

code	size	pack
20002	20-25mm	1



Compact tube bender

code	size	pack
20003	20-25mm	1

Fittings (metal)



Female adaptor with brass bush

code	size	pack
22077BK	20mm	10
22577BK	25mm	10

Only available in black



Coupler

code	size	pack
22079BK	20mm	10
22579BK	25mm	10

Only available in black



Universal connector

code	size	pack
22080BK	20mm	10
22580BK	25mm	10

Threaded to enable connection from MT Supertube conduit to any manufacturers boxes and accessories



Metal spacer bar saddle

code	size	pack
SB20MBK	20mm	100
SB25MBK	25mm	100

Also available in white

Boxes (metal)



Terminal box

code	size	pack
22072BK	20mm	10
22572BK	25mm	10

Only available in black



Tee box

code	size	pack
22075BK	20mm	10
22575BK	25mm	10

Only available in black



Through box

code	size	pack
22073BK	20mm	10
22573BK	25mm	10

Only available in black



Angle box

code	size	pack
22074BK	20mm	10
22574BK	25mm	10

Only available in black



Flush lid

code	pack
20007BK	1

Only available in black

MT Supertube EMI protection boxes and fittings

- Provision to accept a 4mm earthing screw
- All boxes supplied with conduit retaining screw
- All boxes are designed to comply with the current version of BS 7671 Wiring Regulations
- Taper push-fit conduit entry

These figures are based on Marshall-Tufflex trade list price April 2024 (for MT Supertube) and quoted wholesaler prices (for galvanised steel conduit).

**Male adaptor**

code	size	pack
22042BK	20mm	25
22542BK	25mm	25

**Coupler**

code	size	pack
22044BK	20mm	100
22544BK	25mm	50

**Spacer bar snap saddle**

code	size	pack
22051BK	20mm	100

**Spacer bar saddle**

code	size	pack
22552BK	25mm	100

**U-clip**

code	size	pack
22053BK	20mm	100
22553BK	25mm	50

**Inspection elbow**

code	size	pack
22045BK	20mm	20

**Inspection bend**

code	size	pack
22546BK	25mm	20

**All purpose adhesive**

code	size	pack
20006	50ml	1x50ml

HEALTH & SAFETY
DATA SHEETS ARE
AVAILABLE FROM
www.marshall-tufflex.com
AND IN THE INTEREST
OF SAFETY, THE
SOLVENT CEMENTS
ARE REGISTERED WITH
THE NATIONAL POISON
INFORMATION SERVICE

**Loop-in box**

code	size	pack
22011BK	2 x ø20mm KO	20
22511BK	2 x ø25mm KO	20

**Terminal box**

code	size	pack
22012BK	20mm	20
22512BK	25mm	20

**Through box**

code	size	pack
22013BK	20mm	20
22513BK	25mm	20

**Angle box**

code	size	pack
22014BK	20mm	20
22514BK	25mm	20

**Tee box**

code	size	pack
22015BK	20mm	20
22515BK	25mm	20

**Flush lid**

code	pack
20005BK	100

MT Supertube LSOH boxes and fittings

- Suitable for suspending a load of up to 3kg centrally at 60°C maximum
- Fixing centres 50.8mm fitted with M4 brass inserts
- Provision for brass earthing terminals
- Boxes comply with the current version of BS 7671 Wiring Regulations and BS 4607 where applicable

POWERPOLES AND POWERPOSTS

PowerPoles and PowerPosts are a practical and elegant solution for the management of power, data and communication services to island workstations.

POWERPOLES AND POWERPOSTS

POWERPOLES AND POWERPOSTS

Our square double sided PowerPoles and PowerPosts are a practical solution for the management of power, data and communication services to island workstations.

Product information

- Aluminium body for strength and rigidity
- Suitable for suspended and solid ceiling applications
- Cabling can be fed from the ceiling, from the floor or both
- Supplied with 6 accessory plates
- Standard 3.6m PowerPole includes ceiling fixing bracket
- PowerPole extension kit available to extend up to 5m
- Can be subdivided
- PowerPost designed to fit below standard desk height

Standard finish	
ANWH	WHWH
ANWH • Anodised body • White fittings	WHWH • White body • White fittings

PowerPole



PowerPole square double-sided

code	pack
PP36001ANWH	1
with 250mm adjustable slide	
PP36001WHWH	1
with 250mm adjustable slide	

Height: Maximum height of PowerPole is 3686mm. For additional heights within ceiling voids, a 1m adjusting slide is available (PHAS2) – see the components below.

Note: Supplied with 6 accessory plates

Material: Aluminium body with PVC-U covers

Finish: White powder coat or natural anodised finish



Extension kit double-sided (1400mm)

code	pack
PP1400EAN	anodised 1
PP1400EWH	white 1

Fixing system

An adjustable slide fixing system to the ceiling is included with the PowerPole.



PowerPost



PowerPost square double-sided

code	pack
PP685ANWH	1
PP685WHWH	1

Height: Overall height of PowerPost including cap and foot is 692mm

Note: PowerPost is supplied with 6 accessory plates

Material: Aluminium body with PVC-U covers

Finish: White powder coat or natural anodised finish

Components



Accessory box spacer

code	pack
ES1WH	4

For use between accessory boxes and plates



Dividing fillet

code	pack
EDF1	8 x 3m



Adjusting slide

code	size	pack
PHAS2	1150mm	1

To extend the overall height of PowerPole by up to 1m

Boxes and Plates



*RCD/MCB housing

code	pack
EAHCA1MWH	polycarbonate 1

*Up to 4 modules can be accommodated

Note: RCDs and MCBs not supplied by Marshall-Tufflex



1 gang accessory box

code	depth	pack
ESSB1WH	30mm	20



1 gang adjustable box

code	depth	pack
EAB1WH	32-47mm	10



1 gang accessory plate

code	pack
ESSP1WH	2

UNDERFLOOR TO DESK SOLUTIONS

A comprehensive product range of flexible floor to desk cable management and prefabricated wiring systems developed to provide installations that are a fast-fix, flexible and easy to adapt for the contractor and the client.



UNDERFLOOR TO DESK SOLUTIONS

Marshall-Tufflex's underfloor to desk solutions incorporate a range of products for the distribution of power and data services from beneath raised floors and in-screed systems to desks.

In-screed system

PVC-U or steel ducting with 3 and 4 compartment outlet boxes.



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Powertrack

Standard and CE (Clean Earth) 63Amp powertrack.



Page
88

Raised floor boxes and grommets

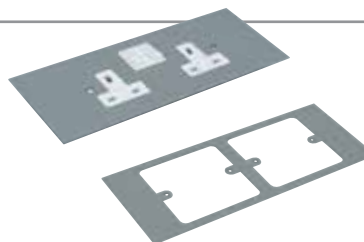
3 and 4 compartment unwired and pre-wired boxes and grommets.



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90

Faceplates and accessories

Accessories and accessory mounting plates for raised floor and in-screed floor outlet boxes.



Page
92

Power and data modules

A range of moulded pre-wired and assembled power and data units that can be used singly or linked by plug and play cable connectors.



Page
93

Desktop modules

Desktop modules with individually fused UK sockets to give easy access to power, data and USB charging at the desk surface.



Page
95

IN-SCREED FLOORING SYSTEMS

A range of floor outlet boxes, fittings and plates in galvanised steel, with choice of PVC-U or steel ducting designed to be positioned within screed flooring.

Product information

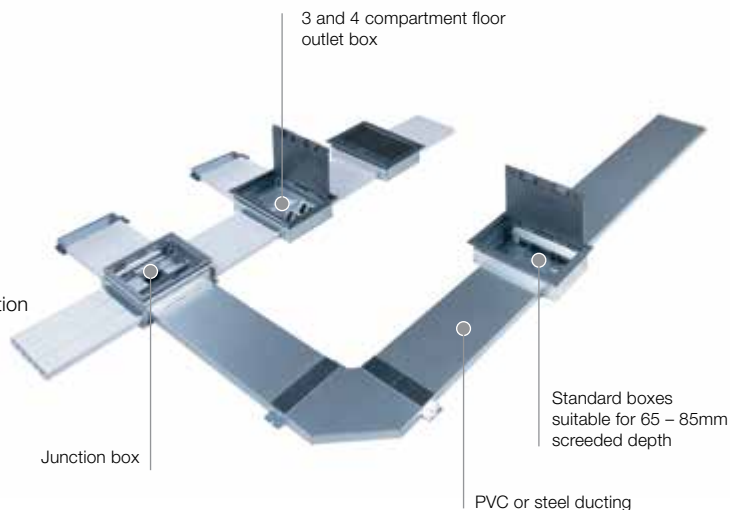
- 3 and 4 compartments (boxes come with extra divider to make 4 compartments)
- Suitable for 65-85mm screed depth
- Boxes for deeper floor screed available on request
- Lid recess to suit up to 6mm carpet tile
- For advice on box tray lids for non-standard floor finishes please contact our Technical Team
- Adjustable for box trim height
- Grey moulded carpet trim for floor outlet boxes
- Steel trims with various finishes available
- Universal junction box with integral, fully-reversible cable segregation

Standard floor box trim

GY

GY: Grey
RAL7011 (floor box trim)

Other trim finishes: Floor boxes can be provided with a variety of trim finishes such as brass, stainless steel and painted colours. For further information please contact the Technical Team on +44 (0)1424 856688.



Floor materials

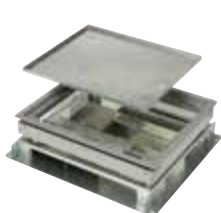
Marshall-Tufflex can supply floor outlet boxes and junction boxes that are suitable for different floor materials, such as marble, stone or wood, or where a higher IP rating is required. For more information on these, please contact our Technical Team on +44 (0)1424 856688.

Basic components



**Floor outlet box
3 & 4 Comp. including lid**

code	size	pack
USF32	357 x 257mm	1



**Universal junction box
(excluding adaptors)**

code	size	pack
USJ3	269 x 234mm	1



**Twin section PVC-U duct
(three ducts required per run)**

code	size	pack
MTU125	75 x 25mm	8 x 3m



3 Compartment steel duct

code	description	pack
USFT25	225 x 25mm	1 x 2.5m

Please see page 92 for the full range of accessory plates



Screed box blanking plate

code	description	pack
USFB1	3 x 20mm KO	1
USFB25	6 x 25mm KO	1



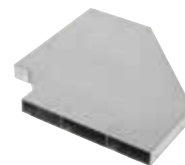
Adaptor

code	pack
USFA1	1



Coupler

code	pack
USFC1	1



**Flat bend
(excluding connector)**

code	description	pack
USFF1	steel	1
HFP125BK	PVC-U	1



**Riser
(excluding connector)**

code	description	pack
USFV1	steel	1
HVP125	PVC-U	1



Duct end cap

code	pack
USFE1	1



Steel screeding plate

code	pack
USFSP1	1

Note: Used in place of box lid when screeding.
Minimum order quantities apply



Floor box lid assembly

code	description	pack
UMLD1	Plastic	1
UMLD3	Steel	1

POWERTRACK

A range of 63Amp powertrack complete with integral mounting brackets and pre-assembled end caps and couplers for ease of installation.

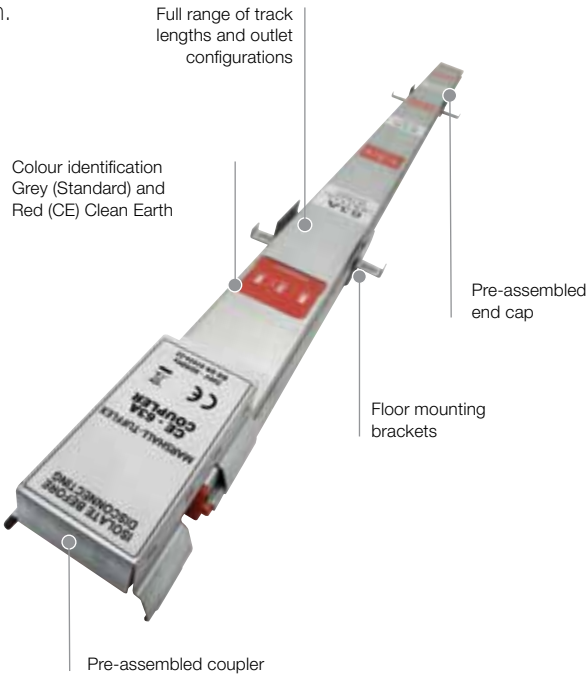
Product information

- Each length of track comes complete with pre-assembled coupler, end cap and floor mounting brackets.
- Maximum 63Amp rating
- Tap-offs are key and colour coded for Standard and CE (Clean Earth)
- Tap-offs are 32Amp rated or fused at 13Amp
- Adhesive dust covers protect outlets



Powertrack and fittings are independently tested by Intertek

Identification	
Standard	CE
Standard: Grey CE (Clean Earth): Red	



To calculate powertrack lengths required for different floor layouts refer to table on opposite page.

UNDERFLOOR TO DESK SOLUTIONS

Powertrack
Standard



code	length	Number of outlets	pitch (mm)	pack
UN1112	1.2m	4	300	1
UN1118	1.8m	6	300	1
UN1114	2.4m	8	300	1
UN1116	3.6m	12	300	1

Powertrack
CE (Clean Earth)



code	length	Number of outlets	pitch (mm)	pack
UN1212	1.2m	4	300	1
UN1218	1.8m	6	300	1
UN1214	2.4m	8	300	1
UN1216	3.6m	12	300	1

Standard
 Rated current 63Amp

Low Noise (CE)
 Rated current 63Amp


Feed unit	Interlink		Interlink		Tap-off units		Tap-off units		Tap-off units		Tap-off units	
Female	Length	1.2m	Length	2.4m	Unfused 32Amp	Fused 13Amp	Unfused 32Amp	Fused 13Amp	Unfused 32Amp	Fused 13Amp	Unfused 32Amp	Fused 13Amp
Pack 1	Pack 1	Pack 1	Pack 1	Pack 1	Length 3m	Length 3m	Length 5m	Length 5m	Length 5m	Length 5m	Length 5m	Length 5m
					Pack 1	Pack 1	Pack 1	Pack 1	Pack 1	Pack 1	Pack 1	Pack 1
												
UN3100	UN5102	UN5104	UN7113	UN7123	UN7115	UN7125						
UN3200	UN5202	UN5204	UN7213	UN7223	UN7215	UN7225						

All tap-off units comply with the latest version of the Wiring Regulations Section 543 (High Integrity Earthing).

Powertrack – run length component chart

To determine the number and size of track required for a given area, select your total run length (in metres) from the left hand column, then find the correct track combinations along that row.

Total run in metres	Track lengths required			
3.6	3.6			
4.2	1.8	2.4		
4.8	2.4	2.4		
5.4	3.6	1.8		
6.0	3.6	2.4		
6.6	2.4	2.4	1.8	
7.2	3.6	3.6		
7.8	3.6	2.4	1.8	
8.4	3.6	3.6	1.2	
9.0	3.6	3.6	1.8	
9.6	3.6	3.6	2.4	
10.2	3.6	3.6	1.8	1.2
10.8	3.6	3.6	3.6	
11.4	3.6	3.6	2.4	1.8
12.0	3.6	3.6	3.6	1.2

Total run in metres	Track lengths required					
12.6	3.6	3.6	3.6	1.8		
13.2	3.6	3.6	3.6	2.4		
13.8	3.6	3.6	3.6	1.8	1.2	
14.4	3.6	3.6	3.6	3.6		
15.0	3.6	3.6	3.6	2.4	1.8	
15.6	3.6	3.6	3.6	3.6	1.2	
16.2	3.6	3.6	3.6	3.6	1.8	
16.8	3.6	3.6	3.6	3.6	2.4	
17.4	3.6	3.6	3.6	3.6	1.8	1.2
18.0	3.6	3.6	3.6	3.6	3.6	
18.6	3.6	3.6	3.6	3.6	2.4	1.8
19.2	3.6	3.6	3.6	3.6	3.6	1.2
19.8	3.6	3.6	3.6	3.6	3.6	1.8

We recommend that no single run of Powertrack exceeds 20 metres.

RAISED FLOOR BOXES AND GROMMETS

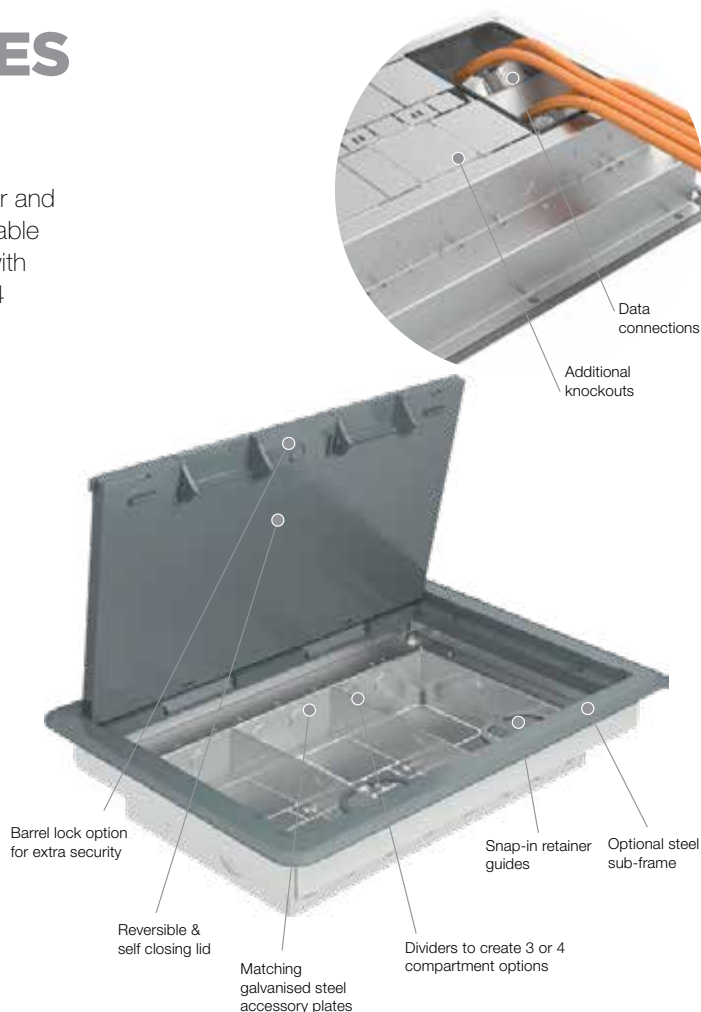
A high quality range of raised floor boxes to provide power and data to desks within the modern office environment. Available as standard or heavy duty versions, boxes are supplied with dividers for quick and easy configuration as either a 3 or 4 compartment box.

Product information

- Standard depth 83mm
- Supplied with dividers to create 3 or 4 compartment box
- Two earth fixing points for flexible positioning of sockets
- 3mm thick medium load plate
- Fixings are pre-punched for quick and easy installation
- Supplied with metal screws to attach trim to box for a secure fix
- Steel sub-frame option for heavy traffic and fine adjustment to allow for uneven flooring
- Supplied with two snap-in cable retainers/guides
- Lid recess to suit up to 6mm carpet tile
- Reversible and self closing lid for extra safety and security
- Barrel lock option available for extra security
- Knockouts in the base for better access
- Data connections to meet data cable specifications

Standard finish
GY
GY: Grey RAL7011 (floor box trim)

Designed and manufactured to
 BS EN 61534-22:2014+A11:2021
 BS EN 60670-1:2021+A11:2021
 BS EN 60670-23:2008+A11:2021
 BS EN 50085-1:2005+A1:2013
 BS EN 50085-2-2:2008



Pre-wired floor boxes



3 compartment standard pre-wired box with 3m tap-off 357 x 257 x 83mm

code	description	pack
UPW400	1 x 2 gang Std	1
UPW420	2 x 2 gang Std	1



3 compartment CE pre-wired box with 3m tap-off 357 x 257 x 83mm

code	description	pack
UPW405	1 x 2 gang CE	1
UPW425	2 x 2 gang CE	1



4 compartment standard pre-wired box with 3m tap-off 357 x 257 x 83mm

code	description	pack
UPW410	1 x 2 gang Std	1
UPW430	2 x 2 gang Std	1



4 compartment CE pre-wired box with 3m tap-off 357 x 257 x 83mm

code	description	pack
UPW415	1 x 2 gang CE	1
UPW435	2 x 2 gang CE	1

Raised floor boxes



Empty floor box

code	description	pack
UM1000	Plastic lid & trim	1
UM1500	Steel lid & trim	1



Floor box pre-fitted with 3 x UP632 plates

code	description	pack
UM3010	3 x UP632	1

Ready to accept standard twin gang sockets.

Please note to avoid clearance and lid closing issues we recommend a 9.5mm maximum depth of socket plate be used.

Accessories



Steel sub-frame assembly

code	description	pack
UMSF1		1



Lock kit

code	description	pack
UMLK1		1



Raised floor box trim

code	description	pack
UMLD4	Plastic	1



Raised floor lid assembly

code	description	pack
UMLD1	Plastic	1
UMLD3	Steel	1



Replacement cable flaps pack

code	description	pack
UMCB1		1

For plastic lid assembly only

Floor grommets



Floor grommet

code	description	pack
UTG1BK	without foam insert	1
UTG1GY	without foam insert	1



Floor power grommet

code	description	pack
UPG1BK	with foam insert	1
UPG1GY	with foam insert	1



RCD power grommet

code	description	pack
UPG2SG	170mm	1

Cut out size for above grommets Ø125mm

Please note the floor box grommets are available in black BK (RAL9004) and grey GY (RAL7037).

ACCESSORY PLATES

Accessory plates



13Amp 2 gang DP/TE switched socket

code	description	pack
UP651	3 comp	1
UP751	4 comp	1



13Amp 2 gang DP/TE switched socket clean earth

code	description	pack
UP653	3 comp	1
UP753	4 comp	1



Single plate 13Amp 2x2 gang DP/TE switched socket

code	description	pack
UP751D	4 comp	1
UP753D	4 comp CE	1



13Amp 2 gang DP/RCD switched socket

code	description	pack
UP660	3 comp Std	1
UP663	3 comp CE	1
UP760	4 comp Std	1
UP763	4 comp CE	1

Not suitable for use with in-screed system.

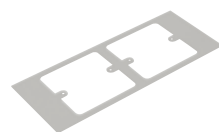


Plate to accept 2 x 1 gang accessory (M3.5 x 60.3mm)

code	description	pack
UP633	3 comp	1

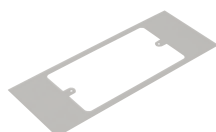


Plate to accept 1 x 2 gang accessory (M3.5 x 120.3mm)

code	description	pack
UP632	3 comp	1

Plate dimensions

3 compartment = 185 x 95mm
4 compartment = 185 x 71mm

Plate material

Plates are manufactured from plain galvanised steel to match floor boxes.

Important

Design of leads, plugs and sockets can vary so thought is required when configuring plates to avoid the clashing of cables which could prevent the floor box lid from closing.



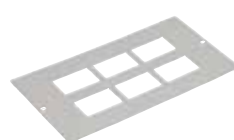
Blank plate

code	description	pack
UP621	3 comp	1
UP721	4 comp	1



Euro plate and collar 2 gang

code	description	pack
UP615	3 comp	1
UP715	4 comp	1



Data/voice plate 6 x RJ45

code	description	pack
UP612	3 comp	1
UP712	4 comp	1

6 x 37mm x 22mm cut outs



Data/voice plate 4 x RJ45

code	description	pack
UP610	3 comp	1
UP710	4 comp	1

4 x 37mm x 22mm cut outs



Data wave plate 4 x RJ45

code	description	pack
UP617	3 comp	1

4 x 37mm x 22mm cut outs



Data wave plate 2 x RJ45

code	description	pack
UP717	4 comp	1

2 x 37mm x 22mm cut outs

Modules and leads



Black 6C blank plate

code	description	pack
UDC1000		1



Black Cat 6 IDC data module

code	description	pack
UDC1001		1



Black Cat 6 module assembly

code	length	pack
UDC1002	3m	1
UDC1003	5m	1



300mm launch lead F/F

code	description	pack
UDC1004	VGA	1
UDC1005	USB	1
UDC1006	HDMI	1
UDC1007	Jack - 3.5mm	1

Power cables



3 pin in/out power connector & 13A plug

code	length	pack
DM8301	1m	1
DM8302	2m	1
DM8303	3m	1
DM8304	4m	1
DM8305	5m	1



3 pin in/out power connector M/F Interconnecting lead

code	length	pack
DM8500	0.25m	1
DM8501	0.5m	1
DM8502	1m	1
DM8503	1.5m	1
DM8504	3m	1

POWER AND DATA MODULES

A range of power and data modules ideal for under desk mounting.

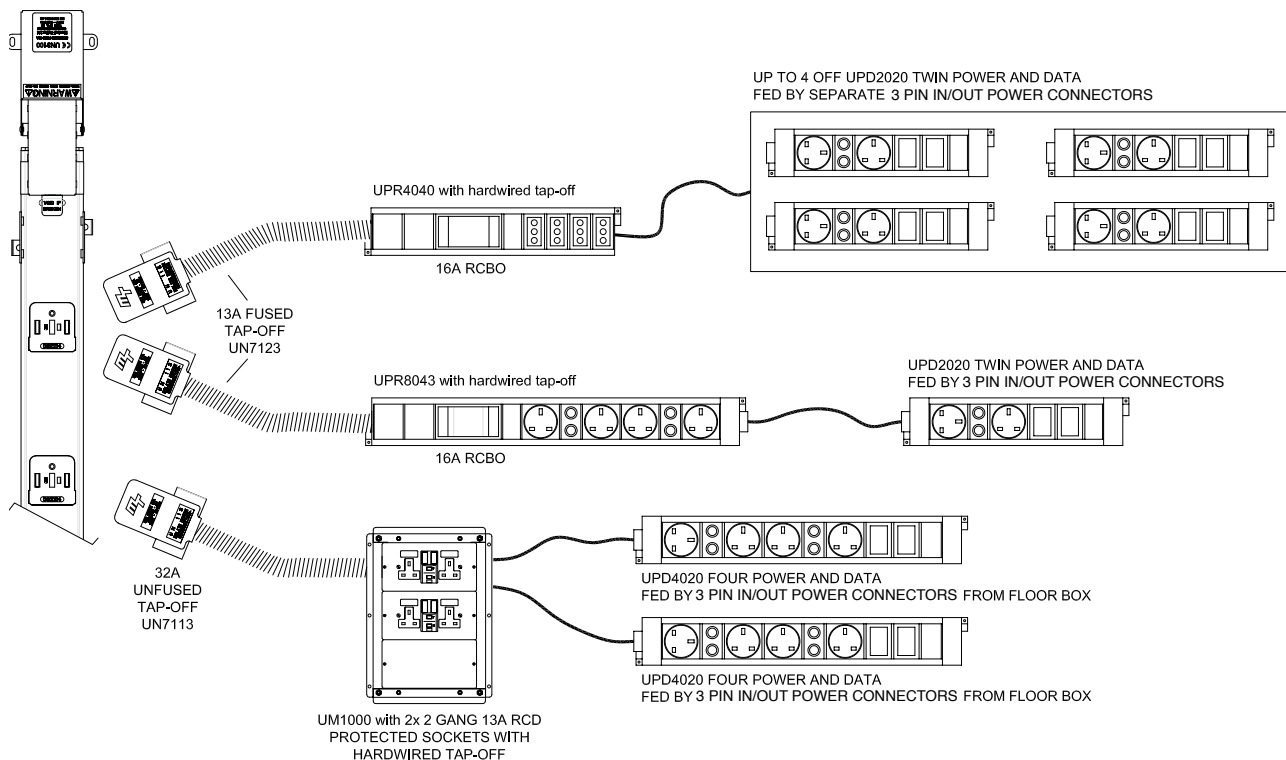
Product information

- High strength, flame retardant moulded modules
- Polycarbonate RCBO units
- Power modules
- Can be fed from wall trunking, floor boxes, grommets or powerpoles
- For single use or modules can be interlinked
- In-feed supply either by 3 pin in/out power connectors or plug socket
- Options of unswitched individually fused 3.15Amp or 5Amp sockets
- 2, 4 and 6 gang options plus the ability to link modules
- Polycarbonate power modules with twin USB points
- Desk units comply with BS 6396 for Electrical Systems in Office Furniture when powered from a plug socket outlet and with the current version of the BS 7671 Wiring Regulations when powered from a power distribution network.



Power module configurations

Our range of power modules and RCBOs can be integrated to deliver a complete system. Desktop Modules can also be used in conjunction with RCBO's to deliver power, data and USB charging at the desktop.



Power modules

3 pin in/out power connectors - Individually fused



Power module 2 gang

code	description	pack
UPM2001	Unswitched	1
UPM2002	Individual switched sockets	1



Power module 4 gang

code	description	pack
UPM4001	Unswitched	1
UPM4002	4 x Power + 1 x Type A USB + 1 x Type C USB	1
UPM4003	Individual switched sockets	1



Power module 6 gang

code	description	pack
UPM6001	Unswitched	1
UPM6002	6 x Power + 1 x Type A USB + 1 x Type C USB	1
UPM6003	Single master switch	1

Desk surface units



Desk grommet

code	diameter	pack
DG1BK	92mm	1

Power and data modules

Direct feed from tap off lead via 20mm gland hole to connector block with multiple 13A socket outlets. 3 pin out.



Power feed unit 4 gang indv fused

code	description	pack
UPR8041	4x13A sockets	1



Power feed unit 6 gang indv fused

code	description	pack
UPR8061	6x13A sockets	1

3 pin power connector. Data leads exit via 20mm hole



Power and data module 2 gang

code	description	pack
UPD2020	2 x power + 2x6c data KO	1



Power and data module 4 gang

code	description	pack
UPD4020	4 x Power + 2x6c data KO	1
UPD4040	4 x Power + 4x6c data KO	1

RCBO Modules

Input via 3 pin in/out power connectors or 20mm knockout with 3 pin connector output



16A RCBO module

code	In/Out	pack
UPR2010	3 pin/3 pin	1
UPR2020	20mm/3 pin	1

RCBO feed units

Direct feed from tap off lead via 20mm gland hole to connector block with multiple 3 pin out power connectors



16A RCBO type C 4 gang

code	description	pack
UPR4040	30mA	2



16A RCBO type C 8 gang

code	description	pack
UPR4080	30mA	2

RCBO Power feed units

Direct feed from tap off lead via 20mm gland hole to connector block with multiple 13A socket outlets. 3 pin out.



Power feed unit 4 gang indv fused

code	description	pack
UPR8043	RCBO + 4x13A sockets	2



Power feed unit 6 gang indv fused

code	description	pack
UPR8063	RCBO + 6x13A sockets	2

Plugs and adaptors



3 pin in/out connector

code	description	pack
UPA3001	Male	1
UPA3002	Female	1



3 pin in/out connector coupler

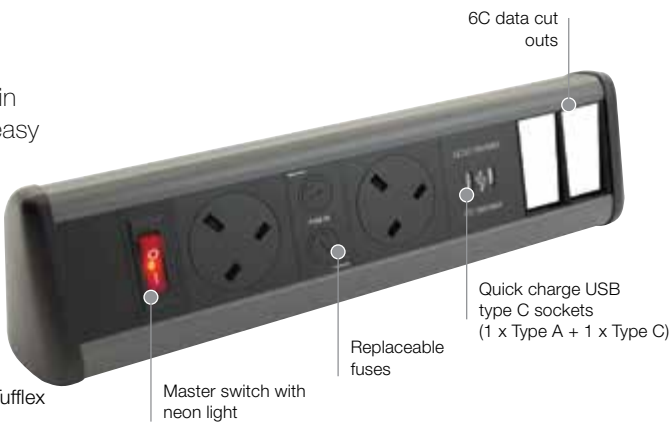
code	description	pack
UPA3003	2xF out	1
UPA3004	3xF out	1
UPA3005	5xF out	1

For modules, leads and cables, please see page 92

DESKTOP MODULES

A selection of stylish desktop modules for the modern office environment with individually fused UK sockets. Perfect for use in hot desking situations or conference rooms, the modules give easy access to power, data and USB charging at the desk surface.

- 45° angled sockets that can accept large plugs and transformers
- Quick charge USB (1 x Type A + 1 x Type C)
- Sockets are individually fused to 5A
- Includes 500mm pre-wired power lead with male 3-pole connector
- Flat base for mounting and supplied with desk clamps and adhesive pads
- Master switch with neon power-on indicator
- 6C cut outs for populating with data or multimedia
- 3 pin in/out power connectors - plug and play for connectivity to Marshall-Tufflex RCBO modules and feed units



Power



2G power

code	description	pack
DTM2BK	Master switch	1



4G power

code	description	pack
DTM4BK	Master switch	1

Power & USB



2G power 2xUSB*

code	description	pack
DTM22BK	Master switch	1



4G power 2xUSB*

code	description	pack
DTM42BK	Master switch	1

Power, USB & Data



2G power 2xUSB* 2x6C data cut outs

code	description	pack
DTM222BK	Master switch	1



3G power 2xUSB* 2x6C data cut outs

code	description	pack
DTM322BK	Master switch	1



4G power 2xUSB* 2x6C data cut outs

code	description	pack
DTM422BK	Master switch	1

All desk modules include a 500mm pre-wired power cable. For modules, leads and cables, please see page 92

* Supplied with 1 x Type A USB + 1 x Type C USB

Power, USB & Cat 6a



2G power 2x USB* 2x Cat6

code	description	pack
DTM22D2BK	Master switch	1



3G power 2x USB* 2x Cat6

code	description	pack
DTM32D2BK	Master switch	1



4G power 2x USB* 2x Cat6

code	description	pack
DTM42D2BK	Master switch	1

ICON DESKTOP MODULES

Icon Desktop Modules have individually switched UK power sockets and built-in USB A and USB C charging ports. The 65 watt models offer faster mobile device charging and enhanced power delivery for greater efficiency.

For added versatility, configurations are also available with Cat 6, or Cat 6 and HDMI connectivity.

- One, two or four power sockets
- Resettable thermal fuses
- Keystone cutouts – can be populated with data/multimedia/blank
- G clamp allows fixing to desk
- Available in black or white



Icon desktop modules



1G power 3xUSB

code	description	pack
DTMC13WH	1x USB A + 2xUSBC	1
DTMC13BK	1x USB A + 2xUSBC	1



2G power 2xUSB

code	description	pack
DTMC22WH	1xUSBA + 1xUSBC	1
DTMC22BK	1xUSBA + 1xUSBC	1
DTMC22WH-65W	2xUSBC 65W	1
DTMC22BK-65W	2xUSBC 65W	1



2G power 2xUSB 2xCat6

code	description	pack
DTMC22D2WH	1xUSBA + 1xUSBC + 2xCat 6	1
DTMC22D2BK	1xUSBA + 1xUSBC + 2xCat 6	1
DTMC22D2WH-65W	2xUSBC 65W + 2xCat 6	1
DTMC22D2BK-65W	2xUSBC 65W + 2xCat 6	1



2G power 2xUSB 1xCat6 1xHDMI

code	description	pack
DTMC22DHW	1xUSBA + 1xUSBC + 1xCat 6 + 1xHDMI	1
DTMC22DHBK	1xUSBA + 1xUSBC + 1xCat 6 + 1xHDMI	1
DTMC22DHW-65W	2xUSBC 65W + 1xCat 6 + 1xHDMI	1
DTMC22DHBK-65W	2xUSBC 65W + 1xCat 6 + 1xHDMI	1



4G power 2xUSB

code	description	pack
DTMC42WH	1xUSBA + 1xUSBC	1
DTMC42BK	1xUSBA + 1xUSBC	1



4G power 2xUSB 2xCat6

code	description	pack
DTMC42D2WH	1xUSBA + 1xUSBC + 2xCat 6	1
DTMC42D2BK	1xUSBA + 1xUSBC + 2xCat 6	1



4G power 2xUSB 1xCat6 1xHDMI

code	description	pack
DTMC42DHW	1xUSBA + 1xUSBC + 1xCat 6 + 1xHDMI	1
DTMC42DHBK	1xUSBA + 1xUSBC + 1xCat 6 + 1xHDMI	1

GRP LADDER AND TRAY SYSTEMS

GRP ladder and tray support systems provide robust yet lightweight cable management for industrial and commercial applications.

GRP LADDER AND TRAY SYSTEMS

GLASS REINFORCED POLYESTER (GRP)

Glass reinforced polyester (GRP) ladder and tray systems are ideal for use in the transport, petrochemical and construction industries to provide lightweight yet mechanically strong cable management as an alternative to heavier materials such as aluminium, steel or concrete.

The range includes, tray, ladder, ground ducts, troughing and supports to offer numerous options for the routing and protection of cables. The lightweight nature of the GRP material means installation is fast and flexible, with the ability of on-site assembly and configuration.

GRP cable management systems are well suited to aggressive environments where there might be extreme weather or high temperatures. They are extremely robust and have excellent resistance against fire and corrosion resulting in a very long life span.

RISQS Verified

RISQS supports Network Rail, LUL/Transport for London, train operators and other rail products and services providers in the management of supply chain risk. RISQS is an independent, third party qualification assessment of a supplier's capability to supply products and services.



Marshall-Tufflex
is registered with
the **RISQS Railway**
Industry Supplier
Qualification scheme

Approvals

Mechanical Behaviour

- Breaking point to NEMA FG1
- Tensile strength at break point to ISO 527-5
- Modulus of elasticity to ISO 527-5
- Accelerated aging to ISO 4892-2 & ISO 9227
- IEC 61537

Electrical behaviour

- Surface resistivity to IEC 6079-0
- Breakage voltage to IEC 60243-1
- Comparative tracking index IEC 60112
- IEC 60093

Fire resistance to DIN 4102 part 12

Linear Thermal Expansion to DIN 53752

Water Absorption to ISO 62

Environmental & sustainability



- Analysis shows GRP to have one of the best environmental impact profiles of any strong building material.
- GRP is easily dismantled and cut up to use in road metalling and can be re-used in other buildings.
- Buildings using GRP within their infrastructure are lighter and require less energy to heat; with building performance life of 40 to 50 years.
- Light weight and easy handling can result in considerable fuel savings.
- Reduction in the need for motorised cranes and platform lift vehicles.
- Use of acetone has been eliminated.
- Recycling trials for composite parts are progressing satisfactorily in several European programmes, using GRP as a source of heat energy and the resultant residue as raw material in cement manufacture.

Fire performance



- Excellent fire performance. GRP is a self-extinguishing composition, halogen-free and with low smoke and fume properties.

Fire Behaviour

- Inflammability to IEC 60695-2-12/ UL94
- Spread of flame to BS 476 part 7 class 2 / ASTM E84 (Up to Class 1 on request)
- Fire propagation to BS 476 Part 6
- Smoke emissions to BS 6853 App B53
- Fire standard to DIN 4102 part 12
- UL 723

GRP tray and ladder systems offer exceptional durability and corrosion resistance, featuring LSOH properties with outstanding fire performance.

GRP cable tray

50 x 50mm to 400 x 80mm

A complete range of GRP trays for extended support span up to 3metres.



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101

GRP cable ladder

200 x 53mm to 900 x 150mm

A pultruded ladder system for installation into tunnels, bridges, railways, underground, offshore and marine environments.



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104

GRP industrial support systems

for supporting large power cables

Brackets, bolts and rails for use with other GRP systems.



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GRP Ground ducts

250 x 140mm to 450 x 176mm

Self-supporting systems ideal for railway applications.



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GRP Cable troughing

150 to 250 x 150mm

Suited to railway applications where cable ducts cannot be buried.



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108

GRP cable management systems incorporate non-conductive and self-extinguishing properties, as well as stability, wherever they are subjected to high levels of UV and extreme temperatures. GRP systems are ideal solutions for installation in tunnels, bridges, railways, underground, offshore and marine environments.

Rail:

Optimum safety:

- Self-extinguishing UL94 - V0
- In the event of fire, no halogen toxic fumes (fire classification: M1, i0, F0; ASTM E84, Class 2 or Class 1; BS 476 Part 7, Class 2 or 1)
- No sharp edges or burrs, from cutting or drilling

Flexibility and easy mounting:

- Reduces installation costs with unique self coupling mechanism
- No earthing required
- Very strong mechanical resistance, even with high temperature variation
- 10 times lighter than concrete
- Excellent vibration resistance



Sea:

Resists corrosion: atmospheric, UV, saline

Save installation time and costs:

- Reduces use of bolts with clip-on splice plates and fixings
- No expensive protection accessories or coatings necessary
- No sharp edges or burrs, from cutting or drilling
- Ensures strong mechanical resistance with a lighter weight than metal
- Excellent vibration resistance



Road:

Resists corrosion: combustion gas, salt

Optimum safety:

- Self-extinguishing UL94 - V0
- Does not emit halogen or smoke (fire classification: M1, i0, F0; ASTM E84, Class 2 or Class 1; BS 476 Part 7, Class 2 or 1)
- No sharp edges or burrs, from cutting or drilling

Flexibility and easy mounting:

- Reduces installation costs with unique self coupling mechanism
- Save time and money as no earthing is required
- Ensures strong mechanical resistance with a lighter weight than metal
- No expensive protection accessories or coatings necessary
- Excellent vibration resistance



Petrochemical and Process Plant Industries:

Cut down corrosion and maintenance costs

Reduce installation costs

- No earthing required
- No expensive protection accessories or coating
- No sharp edges or burrs, from cutting or drilling

Ensures strong mechanical resistance and a lighter weight

Reduces weight of structure

- Saves 40% against stainless steel
- Saves 15% against aluminium



Energy Distribution:

Very strong mechanical resistance, even with high temperature variation

No expensive protection accessories or coating necessary

Optimum safety:

- Self-extinguishing UL94 - V0
- No toxic fumes or halogen in case of fire (fire classification: M1, i0, F0; ASTM E84, Class 2 or Class 1; BS 476 Part 7, Class 2 or 1)
- No sharp edges or burrs, from cutting or drilling



GRP CABLE TRAY

GRP cable tray and fittings are manufactured from glass reinforced polyester resin, using hot moulding technology and facilitating the manufacture of smooth intricate shapes. The system is ideal for installation into tunnels, bridges, railways, underground, offshore and marine environments.

Product information

- A variety of sizes from 50 x 50mm to 400 x 80mm
- 2.5 times lighter than steel
- Completely corrosion resistant against salt spray, H2S, acid build up from exhaust gases and brake dust along roads and railways
- No need for painting or protective coating
- Classified LS0H material
- Self-extinguishing
- Low conductivity
- Earthing not required
- Antimagnetic and resistant to electromagnetic pulses
- Effective at temperatures between -80°C to +130°C
- Lower life cycle cost
- Fast installation with fewer fasteners
- Easy to cut and drill
- Load characteristics in accordance with IEC 61537



Reduced use of bolts

GRP is a non-conductive material with excellent fire performance and high corrosion resistance

Basic components



Non-perforated tray – 3 metres

code	size	pack
KK5050	50 x 50mm	1 x 3m
KK10050	100 x 50mm	1 x 3m
KK15050	150 x 50mm	1 x 3m
KK20050	200 x 50mm	1 x 3m
KK30050	300 x 50mm	1 x 3m
KK10080	100 x 80mm	1 x 3m
KK15080	150 x 80mm	1 x 3m
KK20080	200 x 80mm	1 x 3m
KK30080	300 x 80mm	1 x 3m
KK40080	400 x 80mm	1 x 3m



Perforated tray – 3 metres

code	size	pack
KKL5050	50 x 50mm	1 x 3m
KKL10050	100 x 50mm	1 x 3m
KKL15050	150 x 50mm	1 x 3m
KKL20050	200 x 50mm	1 x 3m
KKL30050	300 x 50mm	1 x 3m
KKL10080	100 x 80mm	1 x 3m
KKL15080	150 x 80mm	1 x 3m
KKL20080	200 x 80mm	1 x 3m
KKL30080	300 x 80mm	1 x 3m
KKL40080	400 x 80mm	1 x 3m



Tray cover – 3 metres

code	to fit	pack
KKD50	50 x 50mm	1 x 3m
KKD100	100 x 50/80mm	1 x 3m
KKD150	150 x 50/80mm	1 x 3m
KKD200	200 x 50/80mm	1 x 3m
KKD300	300 x 50/80mm	1 x 3m
KKD400	400 x 80mm	1 x 3m

Tray divider – 3 metres

code	tray height	pack
KKT50	50mm	1x3m
KKT80	80mm	1x3m

Requires 3 x M616/V4A per length (Nut, bolt and washer)

Fittings



Tray cover clip

code	size	pack
DF50	50mm	50
DF80	80mm	50



Tray end cap

code	to fit	pack
KKKE5050	50 x 50mm	1
KKKE10050	100 x 50mm	1
KKKE15050	150 x 50mm	1
KKKE20050	200 x 50mm	1
KKKE30050	300 x 50mm	1
KKKE10080	100 x 80mm	1
KKKE15080	150 x 80mm	1
KKKE20080	200 x 80mm	1
KKKE30080	300 x 80mm	1
KKKE40080	400 x 80mm	1



Tray internal bend base

code	to fit	pack
KKBI5050	50 x 50mm	1
KKBI10050	100 x 50mm	1
KKBI15050	150 x 50mm	1
KKBI20050	200 x 50mm	1
KKBI30050	300 x 50mm	1
KKBI10080	100 x 80mm	1
KKBI15080	150 x 80mm	1
KKBI20080	200 x 80mm	1
KKBI30080	300 x 80mm	1
KKBI40080	400 x 80mm	1



Tray internal bend cover

code	to fit	pack
KKBID5050	50 x 50mm	1
KKBID10050	100 x 50mm	1
KKBID15050	150 x 50mm	1
KKBID20050	200 x 50mm	1
KKBID30050	300 x 50mm	1
KKBID10080	100 x 80mm	1
KKBID15080	150 x 80mm	1
KKBID20080	200 x 80mm	1
KKBID30080	300 x 80mm	1
KKBID40080	400 x 80mm	1

**Tray external bend base**

code	to fit	pack
KKBA5050	50 x 50mm	1
KKBA10050	100 x 50mm	1
KKBA15050	150 x 50mm	1
KKBA20050	200 x 50mm	1
KKBA30050	300 x 50mm	1
KKBA10080	100 x 80mm	1
KKBA15080	150 x 80mm	1
KKBA20080	200 x 80mm	1
KKBA30080	300 x 80mm	1
KKBA40080	400 x 80mm	1

Tray external bend cover

code	to fit	pack
KKBAD5050	50 x 50mm	1
KKBAD10050	100 x 50mm	1
KKBAD15050	150 x 50mm	1
KKBAD20050	200 x 50mm	1
KKBAD30050	300 x 50mm	1
KKBAD10080	100 x 80mm	1
KKBAD15080	150 x 80mm	1
KKBAD20080	200 x 80mm	1
KKBAD30080	300 x 80mm	1
KKBAD40080	400 x 80mm	1

Tray flat angle base (small radius)

code	to fit	pack
KKW5050	50 x 50mm	1
KKW10050	100 x 50mm	1
KKW15050	150 x 50mm	1
KKW20050	200 x 50mm	1
KKW30050	300 x 50mm	1
KKW10080	100 x 80mm	1
KKW15080	150 x 80mm	1
KKW20080	200 x 80mm	1
KKW30080	300 x 80mm	1

Tray flat angle cover (small radius)

code	to fit	pack
KKWD50	50 x 50mm	1
KKWD100	100 x 50/80mm	1
KKWD150	150 x 50/80mm	1
KKWD200	200 x 50/80mm	1
KKWD300	300 x 50/80mm	1

**Tray flat angle base (large radius)**

code	to fit	pack
KKB15050	150 x 50mm	1
KKB20050	200 x 50mm	1
KKB30050	300 x 50mm	1
KKB10080	100 x 80mm	1
KKB15080	150 x 80mm	1
KKB20080	200 x 80mm	1
KKB30080	300 x 80mm	1
KKB40080	400 x 80mm	1

Tray flat angle cover (large radius)

code	to fit	pack
KKBD150	150 x 50/80mm	1
KKBD200	200 x 50/80mm	1
KKBD300	300 x 50/80mm	1
KKBD100	100 x 80mm	1
KKBD400	400 x 80mm	1

Tray flat angle 135° base (large radius)

code	to fit	pack
KKC10080	100 x 80mm	1
KKC15080	150 x 80mm	1
KKC20080	200 x 80mm	1
KKC30080	300 x 80mm	1
KKC40080	400 x 80mm	1

Tray flat angle 135° cover (large radius)

code	to fit	pack
KKCD100	100 x 80mm	1
KKCD150	150 x 80mm	1
KKCD200	200 x 80mm	1
KKCD300	300 x 80mm	1
KKCD400	400 x 80mm	1

**Tray flat tee base (small radius)**

code	to fit	pack
KKSS5050	50 x 50mm	1
KKSS10050	100 x 50mm	1
KKSS15050	150 x 50mm	1
KKSS20050	200 x 50mm	1
KKSS30050	300 x 50mm	1
KKSS10080	100 x 80mm	1
KKSS15080	150 x 80mm	1
KKSS20080	200 x 80mm	1
KKSS30080	300 x 80mm	1

Tray flat tee cover (small radius)

code	to fit	pack
KKSSD50	50 x 50mm	1
KKSSD100	100 x 50mm	1
KKSSD150	150 x 50mm	1
KKSSD200	200 x 50mm	1
KKSSD300	300 x 50mm	1
KKSSD100	100 x 80mm	1
KKSSD150	150 x 80mm	1
KKSSD200	200 x 80mm	1
KKSSD300	300 x 80mm	1

Tray flat tee base (large radius)

code	to fit	pack
KKST10050	100 x 50mm	1
KKST15050	150 x 50mm	1
KKST20050	200 x 50mm	1
KKST30050	300 x 50mm	1
KKST10080	100 x 80mm	1
KKST15080	150 x 80mm	1
KKST20080	200 x 80mm	1
KKST30080	300 x 80mm	1
KKST40080	400 x 80mm	1

Tray flat tee cover (large radius)

code	to fit	pack
KKSTD100	100 x 50/80mm	1
KKSTD150	150 x 50/80mm	1
KKSTD200	200 x 50/80mm	1
KKSTD300	300 x 50/80mm	1
KKSTD400	400 x 80mm	1

Fittings



Tray offset base set

code	to fit	pack
KKET10080	100 x 80mm	1
KKET15080	150 x 80mm	1
KKET20080	200 x 80mm	1
KKET30080	300 x 80mm	1
KKET40080	400 x 80mm	1



Tray offset cover set

code	to fit	pack
KKETD10080	100 x 80mm	1
KKETD15080	150 x 80mm	1
KKETD20080	200 x 80mm	1
KKETD30080	300 x 80mm	1
KKETD40080	400 x 80mm	1



Tray reducer LH base

code	reduction	pack
KKRL20080	200 to 100	1
KKRL30080	300 to 200	1
KKRL40080	400 to 300	1



Tray reducer LH cover

code	reduction	pack
KKRLD200	200 to 100	1
KKRLD300	300 to 200	1
KKRLD400	400 to 300	1



Tray reducer RH base

code	reduction	pack
KKRR20080	200 to 100	1
KKRR30080	300 to 200	1
KKRR40080	400 to 300	1



Tray reducer RH cover

code	reduction	pack
KKRRD200	200 to 100	1
KKRRD300	300 to 200	1
KKRRD400	400 to 300	1

Cover clips

p101

Because GRP expands in heat these unique clips have been developed to ensure the lid remains firmly in place, even when subjected to extreme heat expansion. The clips are for use with the GRP tray and ladder systems and will prevent the lid from being displaced.

GRP cover clips

code	pack
DF50	50
DF80	50



GRP CABLE LADDER

GRP cable ladder is ideal for installation into tunnels, bridges, railways, underground, offshore and marine environments.

Product information

- A variety of sizes from 200 x 53mm to 900 x 150mm
- 2.5 times lighter than steel
- Completely corrosion resistant against salt spray, H25, acid build up from exhaust gases and brake dust along roads and railways
- No need for painting or protective coating
- Classified LSOH material
- Self-extinguishing
- Low conductivity
- Earthing not required
- Antimagnetic and resistant to electromagnetic pulses
- Effective at temperatures between -80°C to +130°C
- Lower life cycle cost
- Fast installation with fewer fasteners
- Easy to cut and drill
- Load characteristics in accordance with IEC 61537



Basic components



Ladder

code	size	pack
UL20053	200 x 53mm	1x3m
UL20080	200 x 80mm	1x3m
UL150100	150 x 100mm	1x3m
UL300100	300 x 100mm	1x3m
UL400100	400 x 100mm	1x3m
UL600100	600 x 100mm	1x3m
UL900100	900 x 100mm	1x3m
UL150150	150 x 150mm	1x3m
UL300150	300 x 150mm	1x3m
UL400150	400 x 150mm	1x3m
UL600150	600 x 150mm	1x3m
UL900150	900 x 150mm	1x3m

Ladder cover

code	to fit	pack
KKD200	200 x 53mm	1x3m
KKD200	200 x 80mm	1x3m
KKD150	150 x 100mm	1x3m
KKD300	300 x 100mm	1x3m
KKD400	400 x 100mm	1x3m
KKD600	600 x 100mm	1x3m
KKD900	900 x 100mm	1x1.5m
KKD150	150 x 150mm	1x3m
KKD300	300 x 150mm	1x3m
KKD400	400 x 150mm	1x3m
KKD600	600 x 150mm	1x3m
KKD900	900 x 150mm	1x1.5m

Fittings



Ladder cover clip

code	pack
DF50	50
DF80	50
DF100	50
DF150	50



Ladder horizontal coupler* (Set of 2 pieces)

code	pack
ULIH53	1
ULIH80	1
ULIH100	1
ULIH150	1

* Requires 4 x M616/V4A
(Nut, bolt and washer)



Vertical variable angle plate (Set of 2 pieces)

code	size	pack
ULIV53	53mm	1
ULIV80	80mm	1
ULIV100	100mm	1
ULIV150	150mm	1



Ladder hold down clamp*

code	pack
ULKGHA	1

* Requires 1 x M1040/4AHEX
(Nut, bolt and washer)

**Ladder flat angle 90° base**

code	to fit	pack
ULB20053	200 x 53mm	1
ULB20080	200 x 80mm	1
ULB150100	150 x 100mm	1
ULB300100	300 x 100mm	1
ULB400100	400 x 100mm	1
ULB600100	600 x 100mm	1
ULB900100	900 x 100mm	1
ULB150150	150 x 150mm	1
ULB300150	300 x 150mm	1
ULB400150	400 x 150mm	1
ULB600150	600 x 150mm	1
ULB900150	900 x 150mm	1

**Ladder flat angle 90° cover**

code	to fit	pack
ULBD200	200 x 53/80mm	1
ULBD150	150 x 100/150mm	1
ULBD300	300 x 100/150mm	1
ULBD400	400 x 100/150mm	1
ULBD600	600 x 100/150mm	1
ULBD900	900 x 100/150mm	1

**Ladder flat tee base**

code	to fit	pack
ULTE20053	200 x 53mm	1
ULTE20080	200 x 80mm	1
ULTE150100	150 x 100mm	1
ULTE300100	300 x 100mm	1
ULTE400100	400 x 100mm	1
ULTE600100	600 x 100mm	1
ULTE900100	900 x 100mm	1
ULTE150150	150 x 150mm	1
ULTE300150	300 x 150mm	1
ULTE400150	400 x 150mm	1
ULTE600150	600 x 150mm	1
ULTE900150	900 x 150mm	1

**Ladder flat tee cover**

code	to fit	pack
ULTED200	200 x 53/80mm	1
ULTED150	150 x 100/150mm	1
ULTED300	300 x 100/150mm	1
ULTED400	400 x 100/150mm	1
ULTED600	600 x 100/150mm	1
ULTED900	900 x 100/150mm	1

**Ladder flat crossover base**

code	to fit	pack
ULX20053	200 x 53mm	1
ULX20080	200 x 80mm	1
ULX150100	150 x 100mm	1
ULX300100	300 x 100mm	1
ULX400100	400 x 100mm	1
ULX600100	600 x 100mm	1
ULX900100	900 x 100mm	1
ULX150150	150 x 150mm	1
ULX300150	300 x 150mm	1
ULX400150	400 x 150mm	1
ULX600150	600 x 150mm	1
ULX900150	900 x 150mm	1

**Ladder flat crossover cover**

code	to fit	pack
ULXD200	200 x 53/80mm	1
ULXD150	150 x 100/150mm	1
ULXD300	300 x 100/150mm	1
ULXD400	400 x 100/150mm	1
ULXD600	600 x 100/150mm	1
ULXD900	900 x 100/150mm	1

**Ladder int/ext angle base**

code	to fit	pack
ULBA20053	200 x 53mm	1
ULBA20080	200 x 80mm	1
ULBA150100	150 x 100mm	1
ULBA300100	300 x 100mm	1
ULBA400100	400 x 100mm	1
ULBA600100	600 x 100mm	1
ULBA900100	900 x 100mm	1
ULBA150150	150 x 150mm	1
ULBA300150	300 x 150mm	1
ULBA400150	400 x 150mm	1
ULBA600150	600 x 150mm	1
ULBA900150	900 x 150mm	1

**Ladder int/ext angle cover**

code	to fit	pack
ULBAD20053	200 x 53mm	1
ULBAD20080	200 x 80mm	1
ULBAD150100	150 x 100mm	1
ULBAD300100	300 x 100mm	1
ULBAD400100	400 x 100mm	1
ULBAD600100	600 x 100mm	1
ULBAD900100	900 x 100mm	1
ULBAD150150	150 x 150mm	1
ULBAD300150	300 x 150mm	1
ULBAD400150	400 x 150mm	1
ULBAD600150	600 x 150mm	1
ULBAD900150	900 x 150mm	1

**Ladder reducer**

code	to fit ladder depth	Reduction achieved	pack
ULR15053	53mm	150mm	1
ULR15080	80mm	150mm	1
ULR100100	100mm	100mm	1
ULR200100	100mm	200mm	1
ULR300100	100mm	300mm	1
ULR200150	150mm	200mm	1
ULR300150	150mm	300mm	1
ULR500150	150mm	500mm	1

GRP SUPPORT SYSTEMS

GRP Support Systems



FPAM Bracket

code	size	pack
FPAM100	100mm	1
FPAM200	200mm	1
FPAM250	250mm	1
FPAM300	300mm	1



Bracket

code	size	pack
FPAP100AC	100mm	1
FPAP150AC	150mm	1
FPAP200AC	200mm	1
FPAP250AC	250mm	1
FPAP300AC	300mm	1



Bracket

code	size	pack
FPAP400AC	400mm	1
FPAP500AC	500mm	1
FPAP600AC	600mm	1



Adjustable strut/rail (GRP) 45 x 45 mm

code	size	pack
FPAR2000AC	2m	1
FPAR3000AC	3m	1



H/D Bracket Type 'A' S/S

code	size	pack
AV200S	200mm	1
AV250S	250mm	1
AV300S	300mm	1
AV400S	400mm	1
AV500S	500mm	1
AV600S	600mm	1



Nut, bolt and washers

code	pack
M616/V4A*	100
M1040/4AHEX***	100

* For use with Tray divider
KKT50 / KKT80 or Ladder
horizontal coupler ULIH

*** For use with Ladder hold
down clamp ULKGHA



Screw M10 x 30mm

code	pack
MTSHEXSM1030SS	100



Washer M10 x 30mm

code	pack
MTSPWM1030SS	100



Nut no spring M10 x 30mm

code	pack
MTSM10NSSS	100

GRP GROUND DUCTS AND PROFILES

GRP ground ducts and profiles are ideal for railway applications wherever below ground installations are required.

Product information

Ducts

- 250 x 140mm to 450 x 176mm
- Rigid and self-supporting
- 3 times lighter than GRC (Glass fibre Reinforced Concrete)
- 10 times lighter than concrete
- 2.5 times lighter than steel
- Impact and frost resistant
- Easy to handle and load

Profile

- 36 x 35mm to 143 x 53mm
- Avoids ballast falling into ducts
- Ensures perfect positioning of ground duct covers
- Increases capacity of existing concrete ground ducts
- High mechanical and corrosion performance



GRP is a non-conductive material with excellent fire performance and high corrosion resistance.

Ground ducts and profiles



Duct base 2500mm

code	size	pack
BK200140	250 x 140mm	1
BK300176	350 x 176mm	1
BK400176	450 x 176mm	1



Cover 1250mm

code	to fit	pack
BKDR200	250 x 140mm	1
BKDR300	350 x 176mm	1
BKDR400	450 x 176mm	1



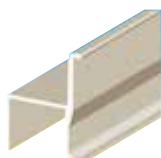
Clip for cover mounting

code	pack
DF94/4	1



Set of clips and hinge for articulate cover mounting

code	pack
DF94/C	1



Ground duct profile

code	to fit	pack
PR3635	36 x 35mm	1
PR5045	50 x 45mm	1
PR5555	55 x 55mm	1

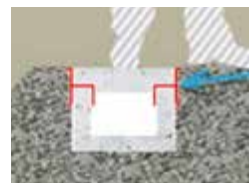


Ground duct A profile

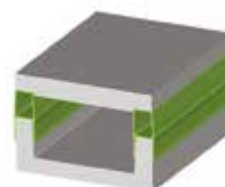
code	to fit	pack
PR5080	143 x 53mm	1

Ground duct profile

Ground duct A profile



- Increases cable capacity of existing concrete ground ducts
- High mechanical and corrosion performance
- Highly effective at minimum cost



Product shown in green for illustration purposes only.

GRP CABLE TROUGHING

GRP cable troughing is ideally suited to railway applications where cable ducts cannot be buried.

Product information

- 150 and 250 x 150mm
- Self-supporting base
- High mechanical loading capacity
- One post every 6m
- Lightweight product
- Only one person required for installation



GRP is a non-conductive material with excellent fire performance and high corrosion resistance

Basic components



Base and pre-mounted connector 6M

code	size	pack
SP150150	150 x 150mm	1
SP250150	250 x 150mm	1



U-Shaped connector

code	to fit	pack
SPIH150150	150 x 150mm	1
SPIH250150	250 x 150mm	1



Splice plate

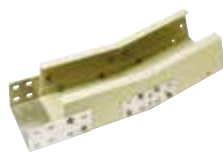
code	to fit	pack
KKIH50	150 x 150mm	1



Cable trough covers 3m

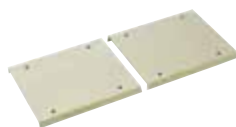
code	to fit	pack
KKDL150	150 x 150mm	1
KKDL250	250 x 150mm	1

Fittings



Internal vertical elbow 15°

code	size	pack
SPBI150	150 x 150mm	1
SPBI250	250 x 150mm	1



Cover for internal vertical elbow 15°

code	to fit	pack
SPBID150	150 x 150mm	1
SPBID250	250 x 150mm	1



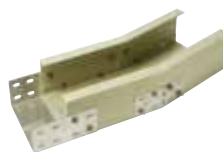
External vertical elbow 15°

code	size	pack
SPBA150	150 x 150mm	1
SPBA250	250 x 150mm	1



Cover for external vertical elbow 15°

code	to fit	pack
SPBAD150	150 x 150mm	1
SPBAD250	250 x 150mm	1



Horizontal elbow 15°

code	size	pack
SPB150	150 x 150mm	1
SPB250	250 x 150mm	1



Cover for horizontal elbow 15°

code	to fit	pack
SPBD150	150 x 150mm	1
SPBD250	250 x 150mm	1



Steel post to fit 150/250

code	length	pack
SPP100150	1500mm	1
SPP100200	2000mm	1
SPP100250	2500mm	1



Steel mounting plate

code	to fit	pack
SPC100150	150 x 150mm	1
SPC100250	250 x 150mm	1



HDG steel cable out fitting with bolts

code	to fit	pack
SPKA	150/250 x 150mm	1



Nuts, bolts and washers for connector & splice plate material

code	to fit	pack
SPM1025		
316 SS	for 150/250 x 150mm	1
SPM1025/HDG	for 150/250 x 150mm	1

METAL TRUNKING

Basor metal trunking, rated to IP4X with a simple hexagonal turnbuckle fixing system.



METAL TRUNKING

METAL TRUNKING



Metal trunking offers robust protection for cabling in various industrial and commercial applications. Rated to IP4X and designed with installers in mind, the system features a user-friendly hexagonal turnbuckle fixings for quick and easy installation.

Available in a huge variety of sizes, multi-compartment versions are part of the standard range.

Lighting trunking is also available to support, distribute and organise cables within lighting circuits.

- Supplied in 3 metre lengths
- A wide selection of sizes between 50x50 to 300x300mm
- Lids secured via hexagonal turnbuckles with screw locators for quick and easy installation
- Removable lids for easy modification and to provide cable access via the top or side
- IP4X rated
- Single, two or three compartment options
- Lighting trunking to support, distribute and organise cable for lighting circuits
- Lid fixings and couplers are included as standard



Material and finish

Pre-galvanised finish.

Standard finish
PG
PG: Pre-galvanised

Manufactured from continuously hot dipped zinc coated low carbon steel strip to BS EN 10346.

Product features



IP4X Rating

The IP4X rating indicates that the trunking is highly resistant to the ingress of solid objects, including dust and particles with a diameter greater than 1mm.

Turnbuckle Fixing

The unique hexagonal turnbuckle fixing system offers quick and easy installation for contractors installing the system, with six turnbuckles per three metre length.

Multi-compartment versions

Turnbuckle trunking can be supplied with welded dividers providing two or three compartment options – all as part of our standard range.



Applications

Metal trunking can be used in a variety of settings, including manufacturing plants, warehouses, laboratories and other industrial facilities.



Trunking



3m – Single compartment



3m – two compartments



3m – three compartments

Fittings



90° gusset bend top lid



45° gusset bend top lid



90° gusset bend inside lid



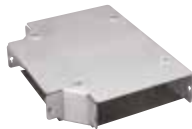
45° gusset bend inside lid



90° gusset bend outside lid



45° gusset bend outside lid



Gusset tee top lid



Gusset tee inside lid



Gusset tee outside lid



End cap



Trunking hanger



U shaped coupler

Marshall-Tufflex metal trunking is available in the following sizes as standard:

	Width x depth
50mm width:	50 x 50mm
75mm width:	75 x 75mm
100mm width:	100 x 50mm, 100 x 100mm
150mm width:	150 x 50mm, 150 x 100mm, 150 x 150mm



Approvals



- Low Voltage Directive 2014/35/EU
- The Electrical Equipment (Safety) Regulations 2016 BS 7671:2018
- BS EN 50085-1:2005+A1:2013
- BS EN 50085-2-1:2006+A1:2011

Size w x d	No. of Compartments	Trunking 3m	90° gusset bend top lid	45° gusset bend top lid	90° gusset bend inside lid	45° gusset bend inside lid
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50 x 50mm	1	MTT22	MTT22GBT90	MTT22GBT45	MTT22GBI90	MTT22GBI45
	2	MTT22-2	MTT22GBT90-2	MTT22GBT45-2	MTT22GBI90-2	MTT22GBI45-2
75 x 75mm	1	MTT33	MTT33GBT90	MTT33GBT45	MTT33GBI90	MTT33GBI45
	2	MTT33-2	MTT33GBT90-2	MTT33GBT45-2	MTT33GBI90-2	MTT33GBI45-2
	3	MTT33-3	MTT33GBT90-3	MTT33GBT45-3	MTT33GBI90-3	MTT33GBI45-3
100 x 50mm	1	MTT42	MTT42GBT90	MTT42GBT45	MTT42GBI90	MTT42GBI45
	2	MTT42-2	MTT42GBT90-2	MTT42GBT45-2	MTT42GBI90-2	MTT42GBI45-2
	3	MTT42-3	MTT42GBT90-3	MTT42GBT45-3	MTT42GBI90-3	MTT42GBI45-3
100 x 100mm	1	MTT44	MTT44GBT90	MTT44GBT45	MTT44GBI90	MTT44GBI45
	2	MTT44-2	MTT44GBT90-2	MTT44GBT45-2	MTT44GBI90-2	MTT44GBI45-2
	3	MTT44-3	MTT44GBT90-3	MTT44GBT45-3	MTT44GBI90-3	MTT44GBI45-3
150 x 50mm	1	MTT62	MTT62GBT90	MTT62GBT45	MTT62GBI90	MTT62GBI45
	2	MTT62-2	MTT62GBT90-2	MTT62GBT45-2	MTT62GBI90-2	MTT62GBI45-2
	3	MTT62-3	MTT62GBT90-3	MTT62GBT45-3	MTT62GBI90-3	MTT62GBI45-3
150 x 100mm	1	MTT64	MTT64GBT90	MTT64GBT45	MTT64GBI90	MTT64GBI45
	2	MTT64-2	MTT64GBT90-2	MTT64GBT45-2	MTT64GBI90-2	MTT64GBI45-2
	3	MTT64-3	MTT64GBT90-3	MTT64GBT45-3	MTT64GBI90-3	MTT64GBI45-3
150 x 150mm	1	MTT66	MTT66GBT90	MTT66GBT45	MTT66GBI90	MTT66GBI45
	2	MTT66-2	MTT66GBT90-2	MTT66GBT45-2	MTT66GBI90-2	MTT66GBI45-2
	3	MTT66-3	MTT66GBT90-3	MTT66GBT45-3	MTT66GBI90-3	MTT66GBI45-3

The following sizes are also available to order (lead times apply).

code	size	code	size	code	size	code	size
MTT32	75 x 50mm	MTT84	200 x 100mm	MTT94	225 x 100mm	MTT124	300 x 100mm
MTT43	100 x 75mm	MTT86	200 x 150mm	MTT96	225 x 150mm	MTT126	300 x 150mm
MTT63	150 x 75mm	MTT88	200 x 200mm	MTT99	225 x 225mm	MTT128	300 x 200mm
MTT82	200 x 50mm	MTT92	225 x 50mm	MTT122	300 x 50mm	MTT129	300 x 225mm
MTT83	200 x 75mm	MTT93	225 x 75mm	MTT123	300 x 75mm	MTT1212	300 x 300mm

90° gusset bend outside lid	45° gusset bend outside lid	Gusset tee top lid	Gusset tee inside lid	Gusset tee outside lid	End cap	Trunking hanger	U Shaped coupler
							
MTT22GB090	MTT22GB045	MTT22GTT	MTT22GTI	MTT22GT0	MTT22EC	MTT22TH	MTT22UC
MTT22GB090-2	MTT22GB045-2	MTT22GTT-2	MTT22GTI-2	MTT22GT0-2			
MTT33GB090	MTT33GB045	MTT33GTT	MTT33GTI	MTT33GT0	MTT33EC	MTT33TH	MTT33UC
MTT33GB090-2	MTT33GB045-2	MTT33GTT-2	MTT33GTI-2	MTT33GT0-2			
MTT33GB090-3	MTT33GB045-3	MTT33GTT-3	MTT33GTI-3	MTT33GT0-3			
MTT42GB090	MTT42GB045	MTT42GTT	MTT42GTI	MTT42GT0	MTT42EC	MTT42TH	MTT42UC
MTT42GB090-2	MTT42GB045-2	MTT42GTT-2	MTT42GTI-2	MTT42GT0-2			
MTT42GB090-3	MTT42GB045-3	MTT42GTT-3	MTT42GTI-3	MTT42GT0-3			
MTT44GB090	MTT44GB045	MTT44GTT	MTT44GTI	MTT44GT0	MTT44EC	MTT44TH	MTT44UC
MTT44GB090-2	MTT44GB045-2	MTT44GTT-2	MTT44GTI-2	MTT44GT0-2			
MTT44GB090-3	MTT44GB045-3	MTT44GTT-3	MTT44GTI-3	MTT44GT0-3			
MTT62GB090	MTT62GB045	MTT62GTT	MTT62GTI	MTT62GT0	MTT62EC	MTT62TH	MTT62UC
MTT62GB090-2	MTT62GB045-2	MTT62GTT-2	MTT62GTI-2	MTT62GT0-2			
MTT62GB090-3	MTT62GB045-3	MTT62GTT-3	MTT62GTI-3	MTT62GT0-3			
MTT64GB090	MTT64GB045	MTT64GTT	MTT64GTI	MTT64GT0	MTT64EC	MTT64TH	MTT64UC
MTT64GB090-2	MTT64GB045-2	MTT64GTT-2	MTT64GTI-2	MTT64GT0-2			
MTT64GB090-3	MTT64GB045-3	MTT64GTT-3	MTT64GTI-3	MTT64GT0-3			
MTT66GB090	MTT66GB045	MTT66GTT	MTT66GTI	MTT66GT0	MTT66EC	MTT66TH	MTT66UC
MTT66GB090-2	MTT66GB045-2	MTT66GTT-2	MTT66GTI-2	MTT66GT0-2			
MTT66GB090-3	MTT66GB045-3	MTT66GTT-3	MTT66GTI-3	MTT66GT0-3			

All products are supplied in pack quantities of one.



Sharp bend top lid

code	size	pack
MTT22SBT	50 x 50mm	1
MTT32SBT	75 x 50mm	1
MTT33SBT	75 x 75mm	1
MTT42SBT	100 x 50mm	1
MTT43SBT	100 x 75mm	1
MTT44SBT	100 x 100mm	1
MTT62SBT	150 x 50mm	1
MTT63SBT	150 x 75mm	1
MTT64SBT	150 x 100mm	1
MTT66SBT	150 x 150mm	1



Sharp bend inside lid

code	size	pack
MTT22SBI	50 x 50mm	1
MTT32SBI	75 x 50mm	1
MTT33SBI	75 x 75mm	1
MTT42SBI	100 x 50mm	1
MTT43SBI	100 x 75mm	1
MTT44SBI	100 x 100mm	1
MTT62SBI	150 x 50mm	1
MTT63SBI	150 x 75mm	1
MTT64SBI	150 x 100mm	1
MTT66SBI	150 x 150mm	1



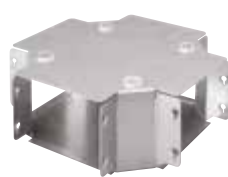
Sharp bend outside lid

code	size	pack
MTT22SBO	50 x 50mm	1
MTT32SBO	75 x 50mm	1
MTT33SBO	75 x 75mm	1
MTT42SBO	100 x 50mm	1
MTT43SBO	100 x 75mm	1
MTT44SBO	100 x 100mm	1
MTT62SBO	150 x 50mm	1
MTT63SBO	150 x 75mm	1
MTT64SBO	150 x 100mm	1
MTT66SBO	150 x 150mm	1



Sharp tee top lid

code	size	pack
MTT22STT	50 x 50mm	1
MTT32STT	75 x 50mm	1
MTT33STT	75 x 75mm	1
MTT42STT	100 x 50mm	1
MTT43STT	100 x 75mm	1
MTT44STT	100 x 100mm	1
MTT62STT	150 x 50mm	1
MTT63STT	150 x 75mm	1
MTT64STT	150 x 100mm	1
MTT66STT	150 x 150mm	1



Intersection box

code	size	pack
MTT22IB	50 x 50mm	1
MTT32IB	75 x 50mm	1
MTT33IB	75 x 75mm	1
MTT42IB	100 x 50mm	1
MTT43IB	100 x 75mm	1
MTT44IB	100 x 100mm	1
MTT62IB	150 x 50mm	1
MTT63IB	150 x 75mm	1
MTT64IB	150 x 100mm	1
MTT66IB	150 x 150mm	1



Reducer

code	size	pack
MTTR33-22	75 x 75mm to 50 x 50mm	1
MTTR42-22	100 x 50mm to 50 x 50mm	1
MTTR44-22	100 x 100mm to 50 x 50mm	1
MTTR44-33	100 x 100mm to 75 x 75mm	1
MTTR64-44	150 x 100mm to 100 x 100mm	1
MTTR66-33	150 x 150mm to 75 x 75mm	1
MTTR66-44	150 x 150mm to 100 x 100mm	1



Earth bonding link

code	pack
MTTE	50



Single socket plate

code	size	pack
MTTSSP4	100mm	1
MTTSSP6	150mm	1



Double socket plate

code	size	pack
MTTDSP4	100mm	1
MTTDSP6	150mm	1



Sleeve coupler

code	size	pack
MTT22SC	50mm	2
MTT33SC	75mm	2
MTT44SC	100mm	2
MTT66SC	150mm	2



Cable retainer

code	size	pack
MTT2CR	50mm	1
MTT3CR	75mm	1
MTT4CR	100mm	1
MTT6CR	150mm	1



Flange coupler

code	size	pack
MTT22FC	50mm	2
MTT33FC	75mm	2
MTT44FC	100mm	2
MTT66FC	150mm	2



IP4X cover strap

code	size	pack
MTT2IP	50mm	1
MTT3IP	75mm	1
MTT4IP	100mm	1
MTT6IP	150mm	1



Spare turnbuckles

code	pack
MTTT	25



Trunking lid

code	size	pack
MTT2TL	50mm x 3m	1
MTT3TL	75mm x 3m	1
MTT4TL	100mm x 3m	1
MTT6TL	150mm x 3m	1



Spare trunking screws

code	pack
MTTS	100

METAL LIGHTING TRUNKING

Metal lighting trunking to support, distribute and organise cables for lighting circuits. Offering robust protection, the system features snap on lids for quick and easy installation.

- Supplied in 3 metre and 4.5 lengths
- 50 x 50mm
- Snap on lids for quick and easy installation
- Slide in couplers



Trunking profiles



Lighting trunking

code	size	pack
MTLT3	50 x 50mm	1 x 3m
MTLT45	50 x 50mm	1 x 4.5m

PVC-U lid – 2m

code	material	pack
MTLTLPLW	White PVC-U	1 x 2m

Metal lid – 2m

code	material	pack
MTLTML	Metal	1 x 2m

Fittings



Long coupler

code	pack
MTLTLLC3	1



2 way coupler top lid

code	pack
MTLTL2TC3	1



2 way coupler inside lid

code	pack
MTLTL2IC3	1



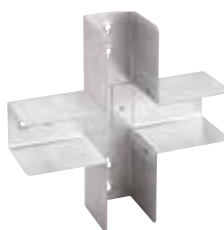
2 way coupler outside lid

code	pack
MTLTL2OC3	1



3 way coupler tee top lid

code	pack
MTLTL3TC3	1



3 way coupler cross top lid

code	pack
MTLTL4TC3	1



Suspension 11mm

code	pack
MTLTS311	1



Suspension fitting

code	pack
MTLTSF	1



Blank end

code	pack
MTLTBE3	1



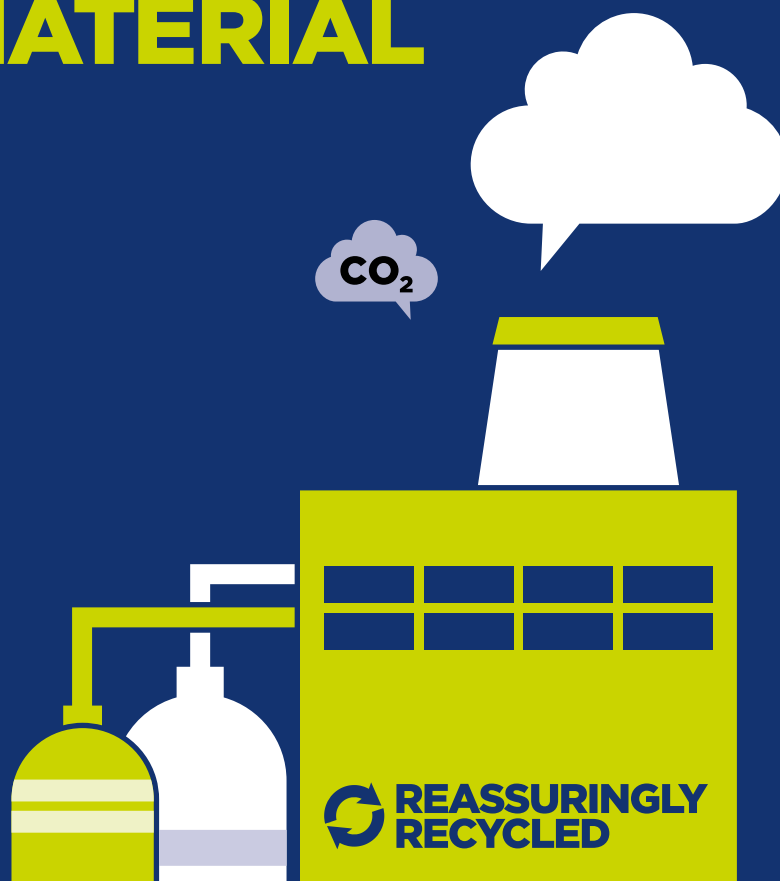
Cable retainer

code	pack
MTLTCR	1



Not only are we
reducing landfill;

**MANUFACTURING
FROM RECYCLED
PVC-U REDUCES
CARBON EMISSIONS
BY 20 TIMES VS
VIRGIN MATERIAL**



METAL STRUT

A metal framework strut system for independent use to connect lightweight structural loads in buildings such as metal cable tray or wire basket.



METAL STRUT

METAL STRUT

A metal framework strut system for independent use to connect lightweight structural loads in buildings such as metal cable tray or wire basket.

Available as slotted or plain versions, metal strut is easy to assemble, re-configure or modify and enables creation of a versatile framework within industrial settings.

- Light gauge or heavy gauge (1.5mm or 2.5mm thickness)
- Plain or slotted versions
- 3m or 6m lengths
- Two sizes – 41 x 21mm and 41 x 41mm
- Pre-galvanised steel or hot dip galvanised
- Back to back welded version available
- Standard slot sizes 28 x 14mm @ 50mm centres or 25 x 11mm @ 50mm centres

Standard finish	
PG	HD
Pre-galvanised mild steel	Hot dipped zinc coated low carbon steel strip

To indicate the finish you require, add the required finish to the end of the product code.

ie.
MTS41S325PG or
MTS41S325HD



Material and finish

Manufactured from (PG) pre-galvanised mild steel to BS EN 10326 or (HD) hot dip galvanised after manufacture to BS EN ISO 1461.

Approvals

- BS 7671:2018
- BS 6946

Product features

Back to back

Back to back welded channel is ideal for long spans where increased strength is required. Our back to back channels are heavy gauge (2.5mm thickness) in plain or slotted versions and in either a pre-galvanised steel or hot dip galvanised material.

Applications

Metal strut can be used in a variety of applications across different industries to provide robust structural support and stability. The system provides a sturdy framework for organising and securing components within buildings.



Light duty strut

**Slotted strut - light duty 1.5mm**

code	size	pack
MTS21S315PG*	41 x 21mm	1 x 3m
MTS41S315PG*	41 x 41mm	1 x 3m

*Light duty versions are available in pre-galvanised finish only

**Plain strut - light duty 1.5mm**

code	size	pack
MTS21P315PG*	41 x 21mm	1 x 3m
MTS41P315PG*	41 x 41mm	1 x 3m

Heavy duty strut

**Slotted strut - heavy duty 2.5mm**

code	size	pack
MTS21S325PG	41 x 21mm	1 x 3m
MTS21S625PG	41 x 21mm	1 x 6m
MTS41S325PG	41 x 41mm	1 x 3m
MTS41S625PG	41 x 41mm	1 x 6m

**Plain strut - heavy duty 2.5mm**

code	size	pack
MTS21P325PG	41 x 21mm	1 x 3m
MTS21P625PG	41 x 21mm	1 x 6m
MTS41P325PG	41 x 41mm	1 x 3m
MTS41P625PG	41 x 41mm	1 x 6m

Back to back strut

**Slotted strut - heavy duty 2.5mm**

code	size	pack
MTS41B2BS325PG	41 x 41mm	1 x 3m
MTS41B2BS625PG	41 x 41mm	1 x 6m

**Plain strut - heavy duty 2.5mm**

code	size	pack
MTS41B2BP325PG	41 x 41mm	1 x 3m
MTS41B2BP625PG	41 x 41mm	1 x 6m

Fittings

**Cantilever arm**

code	size	pack
MTS150CA	150mm	1
MTS300CA	300mm	1
MTS450CA	450mm	1
MTS600CA	600mm	1
MTS750CA	750mm	1
MTS1000CA	1000mm	1

**Back to back cantilever arm**

code	size	pack
MTS150B2BCA	150mm	1
MTS300B2BCA	300mm	1
MTS450B2BCA	450mm	1
MTS600B2BCA	600mm	1
MTS750B2BCA	750mm	1
MTS1000B2BCA	1000mm	1

**Metal Channel Cover 3M**

code	size	pack
MTSCW	White	1
MTSCB	Black	1



Channel nut long spring

code	size	pack
MTSM6LS	M6	100
MTSM8LS	M8	100
MTSM10LS	M10	100
MTSM12LS	M12	100



Channel nut short spring

code	size	pack
MTSM6SS	M6	100
MTSM8SS	M8	100
MTSM10SS	M10	100
MTSM12SS	M12	100



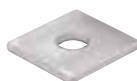
Channel nut no spring

code	size	pack
MTSM6NS	M6	100
MTSM8NS	M8	100
MTSM10NS	M10	100
MTSM12NS	M12	100



Threaded rod - 3m

code	size	pack
MTSM6ROD	M6	1
MTSM8ROD	M8	1
MTSM10ROD	M10	1
MTSM12ROD	M12	1
MTSM16ROD	M16	1
MTSM20ROD	M20	1
MTSM24ROD	M24	1

Square plate washer
40mm x 40mm x 5mm

code	size	pack
MTS101M6	M6	100
MTS101M8	M8	100
MTS101M10	M10	100
MTS101M12	M12	100



Flat plate

code	size	pack
MTS102	2 hole	1
MTS103	3 hole	1
MTS104	4 hole	1
MTS105	5 hole	1



Flat L bracket - 3 hole

code	pack
MTS106	1



Flat tee bracket - 4 hole

code	pack
MTS107	1



Flat cross bracket - 5 hole

code	pack
MTS108	1

Right angle bracket -
2 hole

code	description	pack
MTS109	1 + 1	1

Right angle bracket -
3 hole

code	description	pack
MTS110	2 + 1	1

Right angle bracket -
4 hole

code	description	pack
MTS111	3 + 1	1

Right angle bracket -
4 hole

code	description	pack
MTS112	2 + 2	1

Left hand corner tee
bracket - 4 hole

code	pack
MTS113	1

Right hand corner tee
bracket - 4 hole

code	pack
MTS114	1

Tee left angle bracket -
3 hole

code	pack
MTS115	1

Bent tee plate -
3 hole

code	pack
MTS116	1

Flat gusset L bracket -
4 hole

code	pack
MTS117	1

Right angle gusset
bracket - 4 hole

code	pack
MTS118	1

45 degree obtuse angle
bracket - 2 hole

code	pack
MTS11945	1

15 degree obtuse angle
bracket - 2 hole

code	pack
MTS11915	1

22 degree obtuse angle
bracket - 2 hole

code	pack
MTS11922	1

45 degree acute angle
bracket - 2 hole

code	pack
MTS12045	1

Z bracket -
2 hole

code	size	pack
MTS121	41 x 21mm	1

**Z bracket – 3 hole**

code	size	pack
MTS122	41 x 41mm	1

**Top hat bracket – 3 hole**

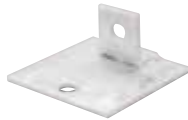
code	size	pack
MTS123	41 x 21mm	1

**Top hat bracket - 5 hole**

code	size	pack
MTS124	41 x 41mm	1

**Top hat bracket - 7 hole**

code	size	pack
MTS125	41 x 82mm	1

**Single base plate bracket**

code	pack
MTS126	1

**Corner case plate bracket**

code	size	pack
MTS127	41mm	1

**Back to back base plate bracket**

code	size	pack
MTS128	41mm x 82mm	1

**Gusset base plate bracket**

code	size	pack
MTS129	41mm	1

**Back to back gusset base plate bracket**

code	size	pack
MTS130	41 x 82mm	1

**Toe beam clamp**

code	pack
MTS131	1

**Large C beam clamp**

code	pack
MTS132	1

**Small C beam clamp**

code	pack
MTS133	1

**Z beam clamp**

code	pack
MTS134	1

**Window bracket**

code	size	pack
MTS135	41 x 41mm	1
MTS136	41 x 21mm	1
MTS137	41 x 82mm	1

**U beam clamp**

code	size	pack
MTS138	41 x 41mm	1

**Internal coupler**

code	size	pack
MTS139	41 x 41mm	1
MTS140	41 x 21mm	1

**External coupler**

code	size	pack
MTS141	41 x 41mm	1
MTS142	41 x 21mm	1

**End cap white/black**

code	size	pack
MTSCAP41WH	41 x 41mm	100
MTSCAP21WH	41 x 21mm	100
MTSCAP41BK	41 x 41mm	100
MTSCAP21BK	41 x 21mm	100

**Hexagonal nut**

code	size	pack
MTSHEXM6	M6	100
MTSHEXM8	M8	100
MTSHEXM10	M10	100

**Purlin Clip**

code	pack
MTSPC	1

**Hexagonal set screw**

code	size	pack
MTSHEXSM625	M6 x 25mm	100
MTSHEXSM630	M6 x 30mm	100
MTSHEXSM640	M6 x 40mm	100
MTSHEXSM825	M8 x 25mm	100
MTSHEXSM830	M8 x 30mm	100
MTSHEXSM840	M8 x 40mm	100
MTSHEXSM1025	M10 x 25mm	100
MTSHEXSM1030	M10 x 30mm	100
MTSHEXSM1040	M10 x 40mm	100
MTSHEXSM1225	M12 x 25mm	100
MTSHEXSM1230	M12 x 30mm	100
MTSHEXSM1240	M12 x 40mm	100

**Penny washer**

code	size	pack
MTSPWM625	M6 x 25mm	100
MTSPWM825	M8 x 25mm	100
MTSPWM1025	M10 x 25mm	100
MTSPWM1225	M12 x 25mm	100
MTSPWM630	M6 x 30mm	100
MTSPWM830	M8 x 30mm	100
MTSPWM1030	M10 x 30mm	100
MTSPWM1230	M12 x 30mm	100

**M10 Threaded Rod Connector**

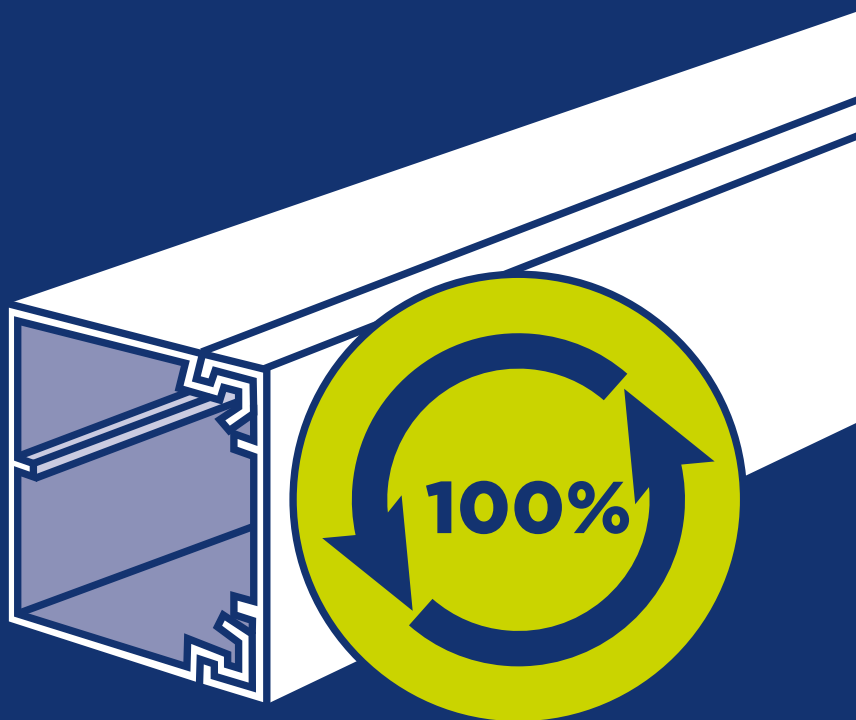
code	pack
MTSCM10	10

**M10 G Clamp**

code	pack
MTSGM10	1



**OUR WHITE MAXI
LENGTHS ARE
MANUFACTURED
USING 100%
RECYCLED MATERIAL.**



METAL CABLE LADDER

Basor metal cable ladder is the ideal solution for routing heavy duty cables in large areas where wide spacing between supports is required.

METAL CABLE LADDER

METAL CABLE LADDER

Basor metal cable ladder is the ideal solution for routing heavy duty cables in large areas that have wide spacing between supports, as commonly found in power plants, airports and heavy industry environments.

- Product widths from 100mm to 900mm
- Product heights of 75mm, 100mm, 125mm, and 150mm.
- Greater load capacity due to rail design
- Safety edge providing increased strength and enhanced protection for installers
- Strut-type rungs 41 x 21mm
- Hot dip galvanised steel finish
- Perforated side panel
- Compatible with and fixable to our ranges of metal strut and suspension systems
- Light, medium, heavy and extra heavy duty versions available



Product features

The perforated side panel allows ventilation when a cover is installed. In addition, the side panel enables installation in situations where cutting on-site is required, as there is no need to drill the rail to assemble the joint.

Applications

Metal cable ladder is suitable for use in heavy industry environments such as power plants, airports, tunnels, bridges, railways and underground installations.

Approvals



- EN 61537 – Cable management. Cable tray systems and cable ladder systems
- EN 50085 – Cable trunking systems and cable ducting systems for electrical installations



Standard finish

HD

Hot dipped zinc coated
low carbon steel strip

Lead times will apply to orders placed for metal cable ladder. Please ask the technical team for details.

Ladder and covers



Light Duty Ladder 75mm high – 1.5mm gauge

code	width x height	pack
215136	100 x 75mm	1 x 3m
215137	150 x 75mm	1 x 3m
215138	300 x 75mm	1 x 3m
215139	450 x 75mm	1 x 3m
215140	600 x 75mm	1 x 3m
215141	750 x 75mm	1 x 3m
215142	900 x 75mm	1 x 3m



Medium Duty Ladder 100mm high – 1.5mm gauge

code	width x height	pack
215143	150 x 100mm	1 x 3m
215144	300 x 100mm	1 x 3m
215145	450 x 100mm	1 x 3m
215146	600 x 100mm	1 x 3m
215147	750 x 100mm	1 x 3m
215148	900 x 100mm	1 x 3m



Heavy Duty Ladder 125mm high – 2mm gauge

code	width x height	pack
215149	150 x 125mm	1 x 3m
215150	300 x 125mm	1 x 3m
215151	450 x 125mm	1 x 3m
215152	600 x 125mm	1 x 3m
215153	750 x 125mm	1 x 3m
215154	900 x 125mm	1 x 3m



Extra Heavy Ladder 150mm high – 2mm gauge

code	width x height	pack
215155	150 x 150mm	1 x 3m
206437	300 x 150mm	1 x 3m
215156	450 x 150mm	1 x 3m
206439	600 x 150mm	1 x 3m
215157	750 x 150mm	1 x 3m
215158	900 x 150mm	1 x 3m



Ladder Cover – 1.5mm gauge

code	width	pack
209598	100mm	1 x 3m
209599	150mm	1 x 3m
209600	300mm	1 x 3m
209601	450mm	1 x 3m
209602	600mm	1 x 3m
209603	750mm	1 x 3m
209604	900mm	1 x 3m

		90 degree flat bend	45 degree flat bend	Inside riser	Outside riser	Tee	Cross
	Size W x H						
LIGHT DUTY	100 x 75mm	215184	227080	215232	215280	215328	215376
	150 x 75mm	215185	227081	215233	215281	215329	215377
	300 x 75mm	215186	227082	215234	215282	215330	215378
	450 x 75mm	215187	227083	215235	215283	215331	215379
	600 x 75mm	215188	227084	215236	215284	215332	215380
	750 x 75mm	215189	227085	215237	215285	215333	215381
	900 x 75mm	215190	227086	215238	215286	215334	215382
MEDIUM DUTY	150 x 100mm	215191	227087	215239	215287	215335	215383
	300 x 100mm	215192	227088	215240	215288	215336	215384
	450 x 100mm	215193	227089	215241	215289	215337	215385
	600 x 100mm	215194	227090	215242	215290	215338	215386
	750 x 100mm	215195	227091	215243	215291	215339	215387
	900 x 100mm	215196	227092	215244	215292	215340	215388
HEAVY DUTY	150 x 125mm	215197	227093	215245	215293	215341	215389
	300 x 125mm	215198	227094	215246	215294	215342	215390
	450 x 125mm	215199	227095	215247	215295	215343	215391
	600 x 125mm	215200	227096	215248	215296	215344	215392
	750 x 125mm	215201	227097	215249	215297	215345	215393
	900 x 125mm	215202	227098	215250	215298	215346	215394
EXTRA HEAVY DUTY	150 x 150mm	215203	227099	215251	215299	215347	215395
	300 x 150mm	206962	219887	206968	206974	206980	206986
	450 x 150mm	215204	219888	215252	215300	215348	215396
	600 x 150mm	206964	219889	206970	206976	206982	206988
	750 x 150mm	215205	227100	215253	215301	215349	215397
	900 x 150mm	215206	227101	215254	215302	215350	215398

All products are supplied in pack quantities of one.

Joints & fixing accessories



Union joint

code	height	pack
215424	75mm	1
215425	100mm	1
215426	125mm	1
206445	150mm	1



Knuckle joint

code	height	pack
215427	75mm	1
215428	100mm	1
215429	125mm	1
206447	150mm	1



Hinge joint

code	height	pack
215430	75mm	1
215431	100mm	1
215432	125mm	1
206449	150mm	1



HDG nut and bolt M10

code	pack
208827	50

Hot dip galvanised
For use with union joint, knuckle joint, hinge joint, flange clamp and hold down bracket.



Flange clamp

code	pack
210267	1



Rising gripper

code	pack
218533	1



Hold down bracket

code	pack
200855	1



HDG nuts and bolt M6

code	pack
206826	100

Hot dip galvanised
For use with ladder lids and rising gripper.



WE ARE PVC-U EXPERTS...

**With over 80 years in
the extrusion business.**



WIRE BASKET SYSTEMS

Basor fast fit wire basket solutions
for the simple routing of power
and data cables.



WIRE BASKET SYSTEMS

WIRE BASKET SYSTEMS

Basor Wire Basket allows simple routing of power and data cables within sections of metal basket offering maximum cable ventilation and a high level of resistance to cable movement.

The 65mm deep basket is fast coupling thanks to the integral couplers which results in reduced installation times and labour savings.

A unique rippled wire design enhances the product strength and resists flexing.



Fast-Coupling

Fast-Coupling Wire Basket is quick and simple to install:

- Two step mounting: fitting and pressure.
- The couplers at the end of the tray are used as guides in the assembly process.
- Once the couplers are connected the system offers excellent earth continuity across the joints.



Material and finish

Our wire basket is electro-zinc coated and is recommended for interior installations.

We can provide a quotation for hot dip galvanised or stainless steel finishes to suit exterior installations but these are subject to longer lead times. The below table identifies the finish suitable for the environment.

		Electro-Zinc	Hot-Dip Galvanised Steel	i316 Stainless-Steel
Interior	Dry	Recommended	Overspecified	Overspecified
	Humid	Limited Resistance	Recommended	Overspecified
	Chemical industry	Not recommended	Limited Resistance	Overspecified
	Food industry	Not recommended	Not recommended	Overspecified
Exterior	Urban	Limited Resistance	Recommended	Overspecified
	Chemical industry	Not recommended	Limited Resistance	Overspecified
	Food industry	Not recommended	Limited Resistance	Recommended

Approvals

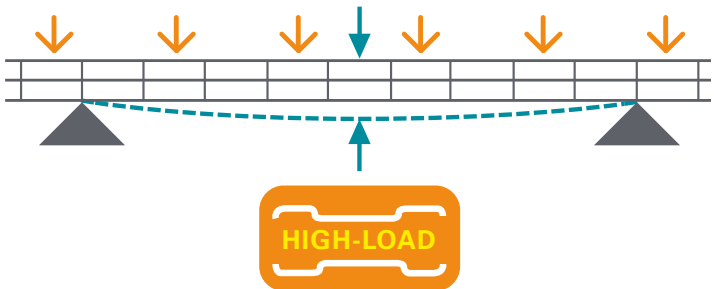


- UL Certification E358301 EN61537 – Cable Management
- IEC 61537:2006 Cable management – Cable tray systems and cable ladder systems.



Rippled design

The unique rippled design of the base of the basket allows for the easy threading of cable ties and increased load capacity with greater resistance to flexing.



WIRE BASKET

Basor Wire Basket is a popular and effective solution for installing power and data cables. Sections of the strong and lightweight basket provide a sturdy platform for the cables, supporting their weight and giving an excellent aesthetic finish.

- Ripple design offers cable ventilation and a high level of resistance to cable movement
- Simple manipulations to the wire basket can overcome complicated changes in direction
- Safety edges to prevent cable damage and personal injury
- High cable capacity
- Electro-Zinc finish
- Fire resistant to DIN 4102-12 E90



Standard finish
EZ
EZ: Electro-Zinc

Wire Basket is available in Electro-Zinc as standard.

Finish options: Hot-dip galvanised steel and stainless steel (316) are available but these are subject to minimum quantity orders and longer lead times.



- 65mm height
- Integral couplers for quick and easy connection in just two steps and only 4 seconds!
- The position of the couplers creates a guide for fast and easy installation
- No tools required
- Reduced installation time results in saving labour costs

Fast-Coupling Wire Basket 65mm Height

code	description	dimensions (mm)			pack	
		width	height	length		
MT2/7389	60 x 65mm	60	65	3000	2 x 3m	
MT2/7248	100 x 65mm	100	65	3000	2 x 3m	
MT2/7249	150 x 65mm	150	65	3000	2 x 3m	
MT2/7250	200 x 65mm	200	65	3000	2 x 3m	
MT2/7251	300 x 65mm	300	65	3000	2 x 3m	
MT2/7394	400 x 65mm	400	65	3000	2 x 3m	
MT2/7395	500 x 65mm	500	65	3000	2 x 3m	
MT2/7396	600 x 65mm	600	65	3000	2 x 3m	



- 35mm height
- Assemble using our range of Fast Fix Clip on couplers – no bolts required

Standard Wire Basket 35mm Height

code	description	dimensions (mm)			pack	
		width	height	length		
MT2/3616	100 x 35mm	100	35	3000	2 x 3m	
MT2/3617	150 x 35mm	150	35	3000	2 x 3m	
MT2/3618	200 x 35mm	200	35	3000	2 x 3m	
MT2/3619	300 x 35mm	300	35	3000	2 x 3m	



- Cover provides protection and eliminates dirt and dust build-up on cables
- Galvanised steel finish



Wire Basket Cover

code	description	dimensions (mm)			weight (kg) per metre	pack
		width	length			
MT2/1312	Cover 100mm	102	3000		0.55	2 x 3m
MT2/1313	Cover 150mm	152	3000		0.76	2 x 3m
MT2/1314	Cover 200mm	202	3000		0.98	2 x 3m
MT2/1316	Cover 300mm	302	3000		1.55	2 x 3m
MT2/1317	Cover 400mm	402	2000		2.19	2 x 2m
MT2/1318	Cover 500mm	502	2000		3.11	2 x 2m
MT2/1319	Cover 600mm	602	2000		3.95	2 x 2m

Self-fixing dividing fillet

code	description	pack
MT2/3476	35mm	10 x 3m
MT2/2066	60mm	10 x 3m

Attaches to wire basket using self-fixing clip

65mm Height

35mm Height

Covers

WIRE BASKET

**Fast fix clip on coupler - 35mm**

code	pack
MT2/7271	10

**Fast fix clip on coupler - 65mm**

code	pack
MT2/6217	10

**Basket connector bolt**

code	pack
MT2/4364	10

**Basket connector bracket**

code	pack
MT2/4919	10

**Nut and bolt**

code	pack
MT2/4362	10

**Bend connector bolt**

code	pack
MT2/5059	1

**Ceiling support plate**

code	pack
MT2/2064	10

Please note: these are sold in singles; two are needed for fittings as per the image. Nut and bolt are not supplied.

**Wall bracket support plate**

code	pack
MT2/0355	10

**Conduit feed plate**

code	pack
MT2/18798	20

**Universal box plate**

code	description	pack
MT2/0358	Large universal box plate	4
MT2/0359	Small universal box plate	8



Cable drop out plate		
code		pack
MT2/6451		1



Earth bonding connector		
code		pack
MT2/6797		10



Side support clip 65mm		
code		pack
MT2/0360		10

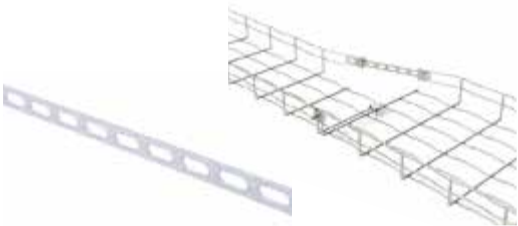


Side support clip		
code		pack
MT2/5724		1

Accepts 10mm mounting stud



Lighting attachment plate		
code		pack
MT2/5906		1



Multi-union joint		
code		pack
MT2/0357		1



Clip to secure basket to strut		
code		pack
MT2/10284		10



Variable support bracket		
code		pack
MT2/6477		10



Cutting tool		
code		pack
MT2/5066		1



Anchor bolt		
code	size	pack
206420	M8x60mm	1



Spray paint 98% zinc		
code		pack
MT2/7224		1

Wall brackets

**Fast fix wall bracket**

code	description	pack
MT2/7230	100mm	1
MT2/7231	150mm	1
MT2/7232	200mm	1
MT2/7233	300mm	1
MT2/7234	400mm	1

**Wall bracket supporting piece**

code	pack
MT2/6240	1

Floor supports

**Floor bracket**

code	pack
MT2/5590	1

**Support foot**

code	size	pack
223328	104x104x82mm	1

**Support strut leg**

code	leg height	pack
MT2/5602	142mm	1

**Stand off bracket**

code	description	pack
MT2/1046	100mm	1
MT2/1047	150mm	1
MT2/1048	200mm	1
MT2/1049	300mm	1
MT2/3413	400mm	1
MT2/3414	500mm	1
MT2/3415	600mm	1

Ceiling brackets

**Fast fix ceiling bracket**

code	description	height	pack
MT2/7235	100mm	175mm	1
MT2/7236	150mm	175mm	1
MT2/7237	200mm	175mm	1
MT2/7238	300mm	175mm	1

Suspension frames



Fast fix suspension frame base (rods sold separately)

code	description	pack
MT2/3630	100mm	1
MT2/1073	150mm	1
MT2/1074	200mm	1
MT2/1076	300mm	1
MT2/3629	400mm	1
MT2/1077	500mm	1
MT2/5941	600mm	1

Cablelay Matting



Cablelay Matting Class 0

code	width	pack
WBM0660	60mm	1 x 30m
WBM06100	100mm	1 x 30m
WBM06150	150mm	1 x 30m
WBM06200	200mm	1 x 30m
WBM06300	300mm	1 x 30m
WBM06400	400mm	1 x 30m
WBM06500	500mm	1 x 30m
WBM06600	600mm	1 x 30m



Cablelay Tape

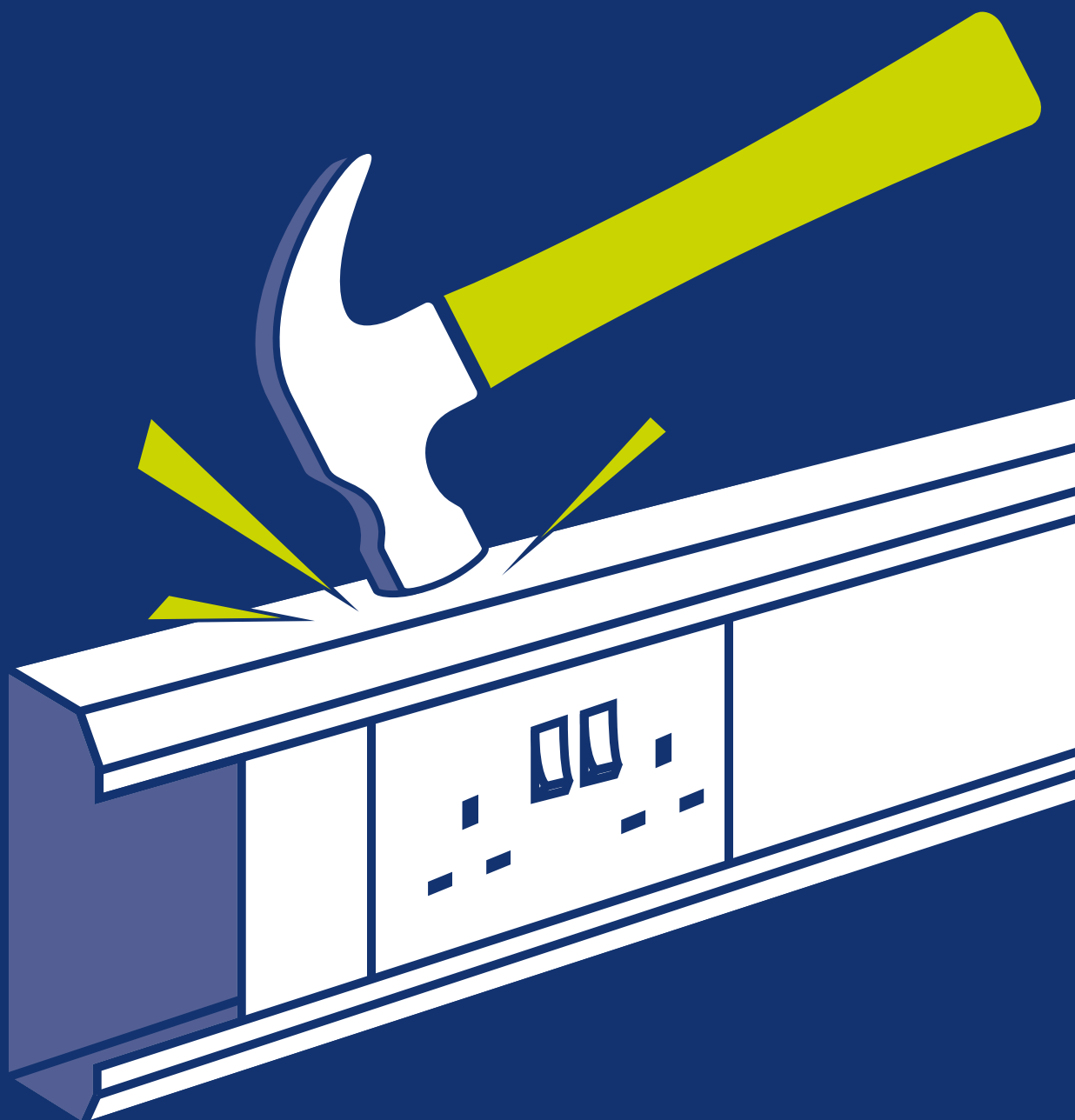
code	description	pack
WBMOT	LSOH	1 x 15m roll

Cablelay Matting

Cablelay is laid within lengths of wire basket or tray to protect cables from protrusions, sharp edges, rough surfaces and kinking ridges thus maintaining the integrity of the data cables.

QUALITY REASSURANCE

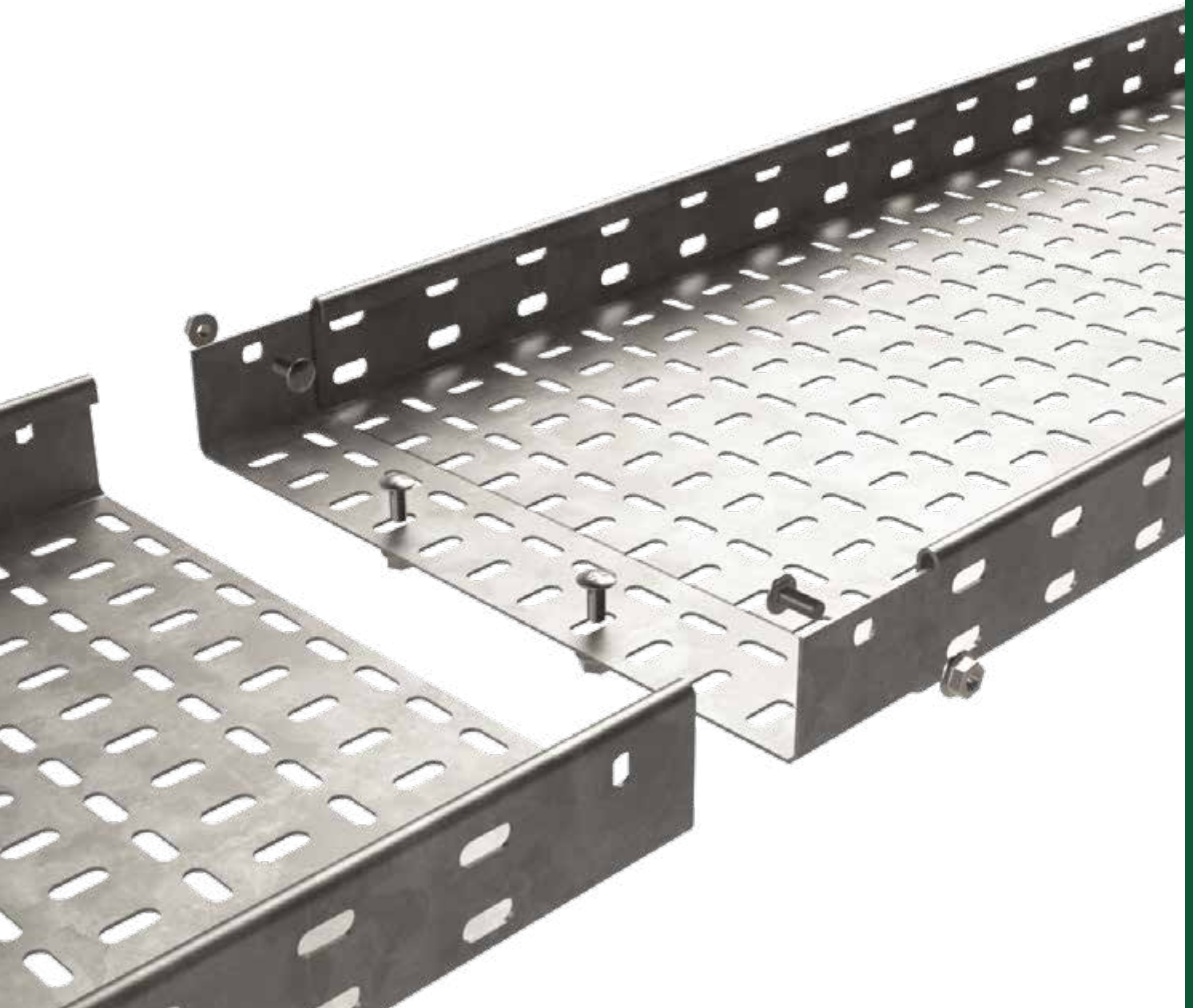
PVC-U trunking made from recycled windows is more robust than product made from virgin grade material.



 **REASSURINGLY
RECYCLED**

METAL CABLE TRAY

Fast coupling metal cable tray for the routing and support of cables.



METAL CABLE TRAY

METAL CABLE TRAY SYSTEMS

The Basor range of fast coupling metal cable tray allows for the simple routing and support of power and data cables. Strong and simple to install, metal cable tray is available in light, medium and heavy-duty profiles and features a pre-galvanised finish.

The sections of metal tray simply interconnect and bolt together for quick and easy installation, saving time and eliminating the need for separate couplers.



Applications

Metal cable tray is ideally suited for installation into many commercial and industrial environments, permitting the upgrade, expansion, re-configuration or relocation of power and data network as required.

- Industrial - Manufacturing, Data Centres, Warehouses and Distribution Centres.
- Commercial - Offices and Retail Outlets.
- Public Sector – Education and Healthcare in power and data areas or above suspended ceilings.



Material and finish

Metal cable tray is Pre-Galvanised steel and is recommended for interior installations.

We can provide a quotation for hot dip galvanised or stainless steel (i316) finishes to suit exterior installations but these are subject to longer lead times.

Product features

Installation is quick and easy when using the adjustable riser.

The adjustable riser can be simply formed to the exact height and angle required.



Tray connection is quick and simple

Sections of tray simply interconnect and bolt together eliminating the need for couplers



Approvals



- EN 61537 – Cable management. Cable tray systems and cable ladder systems
- EN 50085 – Cable trunking systems and cable ducting systems for electrical installations



Linian Cable Tray Clips

LINIAN Cable Tray Clips provide a faster, safer and fully compliant solution for securing cables to metal cable trays. The clip's simple design allows it to lock into place by hand — no tools, no tensioning, and significantly reduced installation time.

Fire-Safety Compliance

LINIAN Cable Tray Clips maintain their hold under extreme heat and comply with regulation 521.11.201 of BS 7671:2008+A3:2015, giving you peace of mind on fire-critical installations.

Built to Last

Manufactured in the UK from galvanised steel, the clips are fire-rated, non-corrosive and weather-resistant, ensuring long-term durability.

See page 140



NEW

METAL CABLE TRAY

Basor metal cable tray is ideal for the support of power and data cables in commercial and industrial installations. Sections of metal tray are simply bolted together for quick and easy installation, saving time and eliminating the need for separate couplers.

- Light, medium and heavy duty
- Product widths of 50 to 600mm
- Fast-coupling
- Reduced installation time, saving labour costs
- Pre-galvanised finish
- No couplers required
- Full range of fittings



Standard finish
PG
PG: Pre-galvanised

Metal tray is available pre-galvanised as standard.

Hot-dip galvanised steel and stainless steel (316) are available but these are subject to minimum quantity orders and longer lead times.

Cable tray



Cable tray - light duty

code	width x height	pack
203658 *	50 x 12mm	1 x 3m
203659	75 x 12mm	1 x 3m
203660	100 x 12mm	1 x 3m
203661	150 x 12mm	1 x 3m
203662	225 x 12mm	1 x 3m
203663	300 x 12mm	1 x 3m

* 50 x 12mm not available as fast coupling - couplers are required.



Cable tray - medium duty

code	width x height	pack
203708 *	50 x 25mm	1 x 3m
203709	75 x 25mm	1 x 3m
203710	100 x 25mm	1 x 3m
203711	150 x 25mm	1 x 3m
203712	225 x 25mm	1 x 3m
203713	300 x 25mm	1 x 3m
203714	450 x 25mm	1 x 3m
203715	600 x 25mm	1 x 3m

* 50 x 25mm not available as fast coupling - couplers are required.



Cable tray - heavy duty

code	width x height	pack
203785	75 x 50mm	1 x 3m
203786	100 x 50mm	1 x 3m
203787	150 x 50mm	1 x 3m
203788	225 x 50mm	1 x 3m
203789	300 x 50mm	1 x 3m
203790	450 x 50mm	1 x 3m
203791	600 x 50mm	1 x 3m



Divider profile 3m

code	pack
MT2/3476	10 x 3m

Light duty fittings



90 degree flat bend

code	width	pack
204321	50mm	1
203669	75mm	1
203670	100mm	1
203671	150mm	1
203672	225mm	1
203673	300mm	1



45 degree flat bend

code	width	pack
225465	50mm	1
225466	75mm	1
225467	100mm	1
225468	150mm	1
225469	225mm	1
225470	300mm	1



Equal tee

code	width	pack
203688	50mm	1
203689	75mm	1
203690	100mm	1
203691	150mm	1
203692	225mm	1
203693	300mm	1



Adjustable riser

code	width	pack
204229	50mm	1
204230	75mm	1
204231	100mm	1
204232	150mm	1
204233	225mm	1
204234	300mm	1



4-way equal cross

code	width	pack
203698	50mm	1
203699	75mm	1
203700	100mm	1
203701	150mm	1
203702	225mm	1
203703	300mm	1



Reducer

code	width	pack
226033	150 to 50mm	1
226034	300 to 150mm	1

Medium duty fittings

**90 degree flat bend**

code	width	pack
203745	50mm	1
203746	75mm	1
203747	100mm	1
203748	150mm	1
203749	225mm	1
203750	300mm	1
203751	450mm	1
203752	600mm	1

**45 degree flat bend**

code	width	pack
225471	50mm	1
225472	75mm	1
225473	100mm	1
225474	150mm	1
225475	225mm	1
225476	300mm	1
225477	450mm	1
225478	600mm	1

**Equal tee**

code	width	pack
203765	50mm	1
203766	75mm	1
203767	100mm	1
203768	150mm	1
203769	225mm	1
203770	300mm	1
203771	450mm	1
203772	600mm	1

**Adjustable riser**

code	width	pack
204239	50mm	1
204240	75mm	1
204241	100mm	1
204242	150mm	1
204243	225mm	1
204244	300mm	1
204245	450mm	1
204246	600mm	1

**4-way equal cross**

code	width	pack
203775	50mm	1
203776	75mm	1
203777	100mm	1
203778	150mm	1
203779	225mm	1
203780	300mm	1
203781	450mm	1
203782	600mm	1

**Reducer**

code	width	pack
226035	150 to 50mm	1
226093	225 to 100mm	1
226094	225 to 150mm	1
226036	300 to 150mm	1
226037	300 to 225mm	1
226038	450 to 300mm	1

Heavy duty fittings

**90 degree flat bend**

code	width	pack
203811	75mm	1
203812	100mm	1
203813	150mm	1
203814	225mm	1
203815	300mm	1
203816	450mm	1
203817	600mm	1

**45 degree flat bend**

code	width	pack
225481	75mm	1
225482	100mm	1
225483	150mm	1
225484	225mm	1
225485	300mm	1
225486	450mm	1
225487	600mm	1

**Equal tee**

code	width	pack
203829	75mm	1
203830	100mm	1
203831	150mm	1
203832	225mm	1
203833	300mm	1
203834	450mm	1
203835	600mm	1

**Adjustable riser**

code	width	pack
204249	75mm	1
204250	100mm	1
204251	150mm	1
204252	225mm	1
204253	300mm	1
204254	450mm	1
204255	600mm	1

**4-way equal cross**

code	width	pack
203838	75mm	1
203839	100mm	1
203840	150mm	1
203841	225mm	1
203842	300mm	1
203843	450mm	1
203844	600mm	1

**Reducer**

code	width	pack
226040	300 to 150mm	1
226041	300 to 225mm	1
226042	450 to 300mm	1
226043	600 to 300mm	1

See next page for
fixing accessories
and fittings.



Fixing accessories



Tray cover

code	width	pack
220067	50mm	1 x 2m
215521	75mm	1 x 3m
215522	100mm	1 x 3m
215523	150mm	1 x 3m
215524	225mm	1 x 3m
215525	300mm	1 x 3m
215526	450mm	1 x 3m
215527	600mm	1 x 3m



Cover fixing clamp

code	height	pack
214476	25mm	100



Fish plate

code	width	pack
214480	75mm	1
214481	100mm	1
214482	150mm	1
214483	225mm	1
214484	300mm	1
214485	450mm	1
214486	600mm	1



Inside splice 12/25/50mm

code	height	pack
203800	50mm	1



Outside splice

code	height	pack
203724	25mm	1
203801	50mm	1



GC nuts and bolts

code		pack
206826	Hot dip galvanised	100

For use with all fixing accessories, brackets and frames



Cable tray clips

code	width	pack
MTCTCLD050	50mm	25
MTCTC075	75mm	25
MTCTC100	100mm	25
MTCTC150	150mm	25
MTCTC225	225mm	25

Fittings

Ceiling bracket
(height 175mm)

code	description	pack
MT2/7235	100mm	1
MT2/7236	150mm	1
MT2/7237	200mm	1
MT2/7238	300mm	1



Wall bracket

code	description	pack
MT2/7230	100mm	1
MT2/7231	150mm	1
MT2/7232	200mm	1
MT2/7233	300mm	1
MT2/7234	400mm	1



Wall bracket supporting piece

code	pack
MT2/6240	1

Suspension frame base
(rods sold separately)

code	description	pack
MT2/3630	100mm	1
MT2/1073	150mm	1
MT2/1074	200mm	1
MT2/1076	300mm	1
MT2/3629	400mm	1
MT2/1077	500mm	1
MT2/5941	600mm	1



Support strut leg

code	leg height	pack
MT2/5602	142mm	1



Stand off bracket

code	description	pack
MT2/1046	100mm	1
MT2/1047	150mm	1
MT2/1048	200mm	1
MT2/1049	300mm	1
MT2/3413	400mm	1
MT2/3414	500mm	1
MT2/3415	600mm	1



Variable support bracket

code	pack
MT2/6477	10

PVC CABLE TRAY

Corrosion resistant PVC Cable Tray for the simple routing and support of power and data cables for different external environments.



PVC CABLE TRAY

PVC CABLE TRAY SYSTEMS

Basor PVC Cable Tray is a non-conductive, non-corrosive, lightweight and impact resistant cable management solution for the simple routing and support of power and data cables.

Lightweight and easy to install, PVC cable tray is available in five different sizes from 100 to 400mm wide.



Applications

PVC Cable Tray is ideally suited for installation into environments where Metal Cable Tray cannot be used due to the corrosive nature of the environment. Suited applications include:

Water treatment plants & commercial swimming pool complexes

- High humidity environments where a non-corrosive installation is recommended.

Mining industry

- Due to the high moisture environment in many mining operations, PVC cable tray provides a non-corrosive, non-oxidising and non-conductive solution in underground installations.

Chemical industry

- PVC products provide excellent resistance in chemical environments that can produce very aggressive atmospheres.

Solar/PV installations

- PVC Cable Tray products provide a lightweight and non-conductive solution for outdoor Solar/PV installations.

Shorefront installation areas (hotels, piers, ports & harbours)

- Shorefront installation areas can be subject to high salt spray contamination and corrosion due to onshore weather. PVC cable tray provides excellent protection against corrosion in these environments.



Material

Self-extinguishing and non-flame propagating PVC

Colour

RAL7035

UV

Resistant to UV radiation under UL568 certification.

Strength

Impact Strength 20J (Except 60 x 100mm & 60 x 150mm at 10J)

Temperature

Minimum temperature -20°C

Maximum temperature 60°C

Fire

M1 reaction to fire as per UNE 23727

Recycling

PVC tray is 100% recyclable

Product features

Pre-drilled fixing holes

All lengths, bends and risers are supplied with pre-drilled fixing holes for quick installation.



Straight and adjustable couplers

Adjustable couplers enable tray orientation to be changed to installation needs (up, down, left or right).



Load characteristics

Base Width	Maximum temperature 40°C		Maximum temperature 60°C	
	1m span	1.5m span	1m span	1.5m span
60 x 100mm	38kg/m	24kg/m	28kg/m	12kg/m
60 x 150mm	39kg/m	25kg/m	30kg/m	12kg/m
60 x 200mm	67kg/m	38kg/m	45kg/m	20kg/m
60 x 300mm	74kg/m	45kg/m	50kg/m	21kg/m
100 x 400mm	178kg/m	108kg/m	114kg/m	68kg/m

Tests according to IEC 61537 (limited deflection) Type II test, with 1,7 Safety factor

Approvals



EN 61537 – Cable management. Cable tray systems and cable ladder systems

EN 50085 – Cable trunking systems and cable ducting systems for electrical installations

"Fire, glow wire and flammability conformance to EN 60695, UNE 23727, UL94-VO and ANSI/UL94-1995



PVC CABLE TRAY

Basor PVC cable tray provides an effective support system for the routing of power and data cables. Lightweight for ease of installation and weather resistant, PVC cable tray is ideally suited to outdoor installations.

- Product widths from 100mm to 400mm
- Lightweight for ease of installation
- Non-conductive
- Non-corrosive
- Impact resistant
- RoHS Compliant
- Full range of fittings



Cable tray



Perforated tray - 3m

code	size	pack
210070	60 x 100mm	2
210071	60 x 150mm	2
210072	60 x 200mm	2
210073	60 x 300mm	2
210076	100 x 400mm	2



Cover - 3m

code	width	pack
210078	100mm	1
210079	150mm	1
210080	200mm	1
210081	300mm	1
210082	400mm	1



Dividing fillet - 3m

code	height	pack
210144	60mm	2
210145	100mm	2

Fittings



Straight coupler

code	height	pack
210084	60mm	10
210085	100mm	10



Adjustable coupler

code	height	pack
223613	60mm	1
223614	100mm	1



Flat bend

code	width	pack
226806	100mm	1
226807	150mm	1
226808	200mm	1
226809	300mm	1
210095 *	400mm	1

*Chamfered version



Flat bend cover

code	width	pack
226810	100mm	1
226811	150mm	1
226812	200mm	1
226813	300mm	1
210101 *	400mm	1

*Chamfered version

PVC CABLE TRAY

Fittings

**Internal riser**

code	width	pack
210103	100mm	1
210104	150mm	1
210105	200mm	1
210106	300mm	1
210109	400mm	1

**Internal riser cover**

code	width	pack
210111	100mm	1
210112	150mm	1
210113	200mm	1
210114	300mm	1
210117	400mm	1

**External riser**

code	width	pack
210119	100mm	1
210120	150mm	1
210121	200mm	1
210122	300mm	1
210125	400mm	1

**External riser cover**

code	width	pack
210127	100mm	1
210128	150mm	1
210129	200mm	1
210130	300mm	1
210133	400mm	1

**Corner joint piece**

code	height	pack
223021	60mm	1
223022	100mm	1

**Side bracket**

code	width	pack
210011	100mm	1
210012	150mm	1
210013	200mm	1
210014	300mm	1
210015	400mm	1

**C Bracket**

code	width	pack
210050	100mm	1
210051	150mm	1
210052	200mm	1
210053	300mm	1
210054	400mm	1

**Tray end cap**

code	width	pack
223023	100mm	1
223024	150mm	1
223025	200mm	1
223026	300mm	1
223029	400mm	1

Fixing accessories

**PVC nut and bolt**

code	pack
210017	100

**Metal nut and bolt**

code	pack
207228	100

To fix brackets to strut

**Wall fixing strut**

code	length	pack
217281	2m	1

**Variable support bracket**

code	pack
217282	1

**Variable support strut**

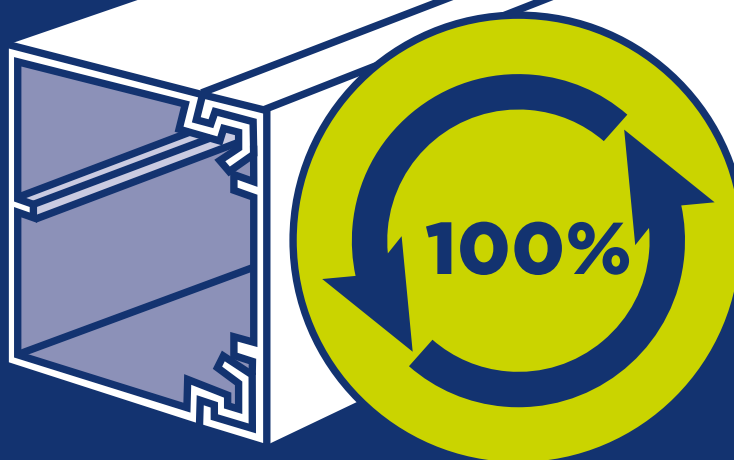
code	length	pack
207404	600mm	1



Side bracket shown with variable support strut and variable support bracket

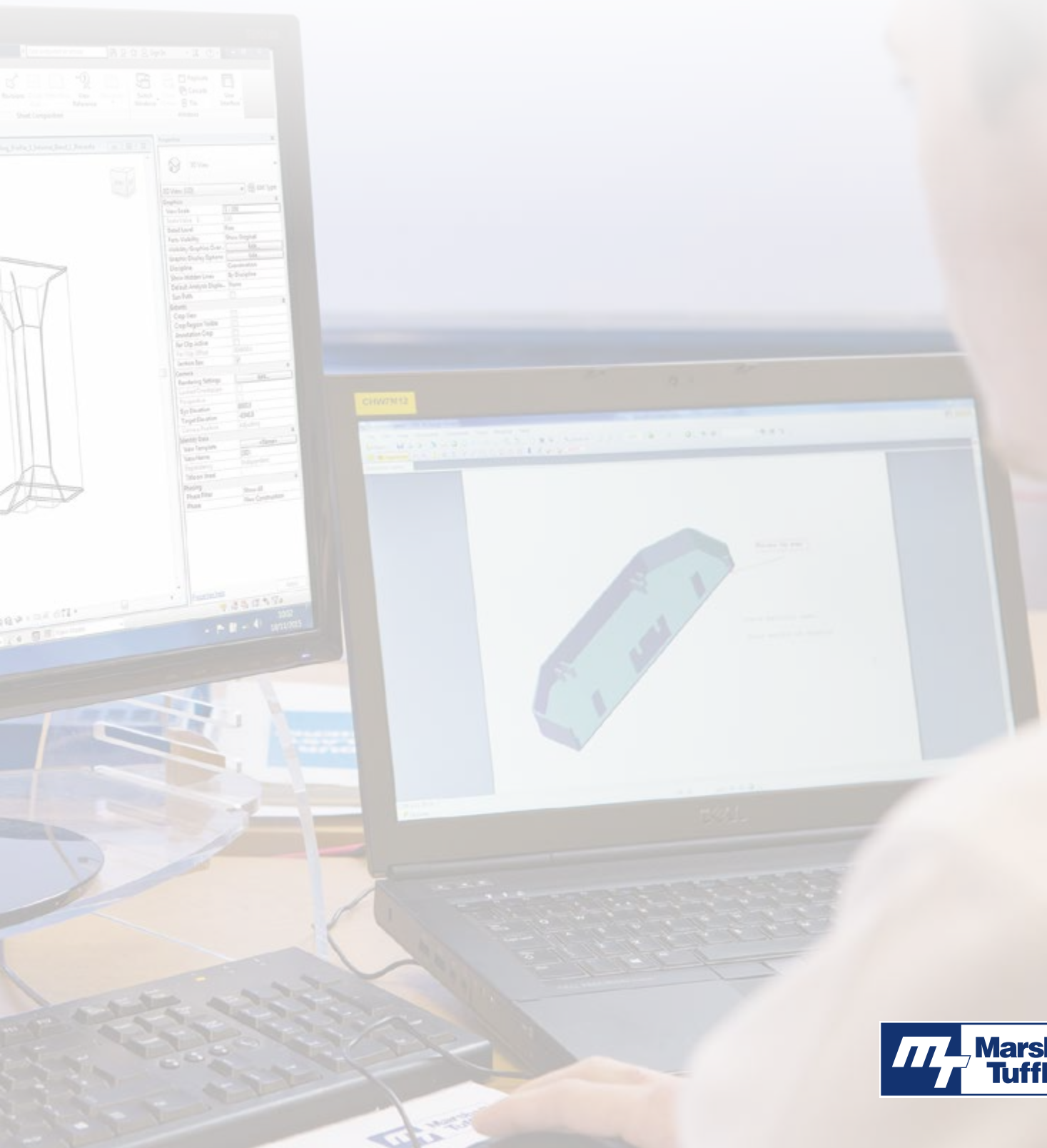


**OUR WHITE MAXI
LENGTHS ARE
MANUFACTURED
USING 100%
RECYCLED MATERIAL.**



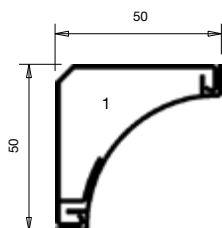
TRUNKING CAPACITIES

TECHNICAL INFORMATION



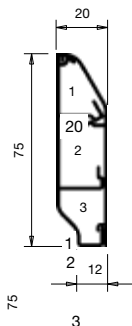
Trunking height up to 150mm

CORNICE TRUNKING



1 = 873mm² total area
1 = 393mm² 45% space factor

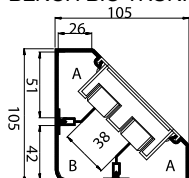
SOVEREIGN PLUS TRUNKING



SOVEREIGN PLUS SKIRTING

1 = 238mm² total area
1 = 107mm² 45% space factor
2 = 416mm² total area
2 = 187mm² 45% space factor
3 = 261mm² total area
3 = 117mm² 45% space factor

BENCH BIO TRUNKING

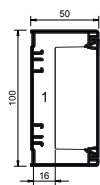


Bench Bio trunking – with box

1 = 1285mm² total area
1 = 578mm² 45% space factor
2 = 2128mm² total area
2 = 957mm² 45% space factor
3 = 1285mm² total area
3 = 578mm² 45% space factor

Bench Bio trunking – no box

1 = 1782mm² total area
1 = 802mm² 45% space factor
2 = 3282mm² total area
2 = 1477mm² 45% space factor
3 = 1782mm² total area
3 = 802mm² 45% space factor

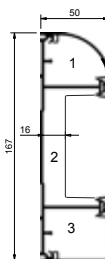


MONO 10 – no box
1 = 4141mm² total area
1 = 1863mm² 45% space factor
With box in comp 1
1 = 1874mm² total area
1 = 843mm² 45% space factor
Internal dimensions
Compartment 1 = 96 x 46mm

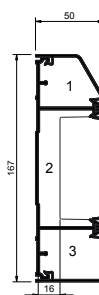


STERLING COMPACT – no box
1 & 3 = 966mm² total area
1 & 3 = 434mm² 45% space factor
2 = 3910mm² total area
2 = 1759mm² 45% space factor
With box in comp 2
2 = 1690mm² total area
2 = 760mm² 45% space factor
Internal dimensions
Compartment 1 = 21 x 46mm
Compartment 2 = 85 x 46mm
Compartment 3 = 21 x 46mm

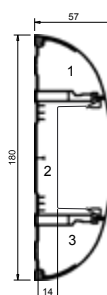
Trunking heights 167-180mm



STERLING CURVE DADO/SKIRTING – no box
1 = 1170mm² total area
1 = 527mm² 45% space factor
2 = 3858mm² total area
2 = 1736mm² 45% space factor
3 = 1542mm² total area
3 = 694mm² 45% space factor
With box in comp 2
2 = 1376mm² total area
2 = 619mm² 45% space factor
Internal dimensions
Compartment 1 = 39 x 45mm
Compartment 2 = 86 x 46mm
Compartment 3 = 39 x 45mm

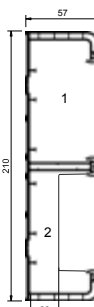


CHALLENGER DADO/SKIRTING – no box
1 = 1266mm² total area
1 = 570mm² 45% space factor
2 = 3858mm² total area
2 = 1736mm² 45% space factor
3 = 1542mm² total area
3 = 694mm² 45% space factor
With box in comp 2
2 = 1376mm² total area
2 = 619mm² 45% space factor
Internal dimensions
Compartment 1 = 39 x 45mm
Compartment 2 = 86 x 46mm
Compartment 3 = 39 x 45mm

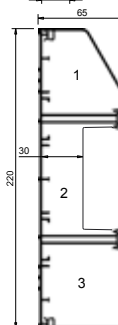


ODYSSEY BIO – no box
1 & 3 = 1256mm² total area
1 & 3 = 565mm² 45% space factor
2 = 4022mm² 45% space factor
2 = 1810mm² 45% space factor
With box in comp 2
2 = 1230mm² total area
2 = 554mm² 45% space factor
Internal dimensions
Compartment 1 = 36 x 46mm
Compartment 2 = 81 x 48mm
Compartment 3 = 36 x 46mm

Trunking height over 200mm



TWIN PLUS – no box
1 & 2 = 4755mm² total area
1 & 2 = 2140mm² 45% space factor
With box in comps 1 or 2
1 & 2 = 2431mm² total area
1 & 2 = 1094mm² 45% space factor
Internal dimensions
Compartment 1 = 95 x 52mm
Compartment 2 = 95 x 52mm



XL DADO/SKIRTING – no box
1 = 2824mm² total area
1 = 1271mm² 45% space factor
2 = 4771mm² total area
2 = 2147mm² 45% space factor
3 = 3531mm² total area
3 = 1589mm² 45% space factor
With box in comp 2
2 = 2504mm² total area
2 = 1127mm² 45% space factor
Internal dimensions
Compartment 1 = 64 x 62mm
Compartment 2 = 84 x 62mm
Compartment 3 = 64 x 62mm

Other Profile dimensions

Other Profiles are a combination of the ones shown on this page and can be calculated using the compartment dimensions shown here.

Conductor type	Size	Cable factor
Stranded PVC power	1.5mm ²	8.6
Stranded PVC power	2.5mm ²	12.6
Stranded PVC power	4.0mm ²	16.6

Mini trunking capacity guide



Mini 10 x 8mm

Total = 48mm² total area
Total = 21mm² 45% space factor

Internal dimensions

8 x 6mm



Mini 18 x 9mm

Total = 106mm² total area
Total = 48mm² 45% space factor

Internal dimensions

13.8 x 7.7mm



Mini 16 x 16mm

Total = 179mm² total area
Total = 81mm² 45% space factor

Internal dimensions

13.4 x 13.4mm

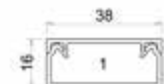


Mini 25 x 16mm

Total = 300mm² total area
Total = 135mm² 45% space factor

Internal dimensions

22.4 x 13.4mm

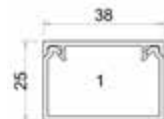


Mini 38 x 16mm

Total = 471mm² total area
Total = 212mm² 45% space factor

Internal dimensions

35.2 x 13.4mm

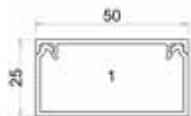


Mini 38 x 25mm

Total = 781mm² total area
Total = 352mm² 45% space factor

Internal dimensions

35.2 x 22.2mm

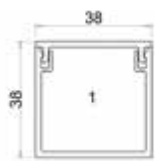


Mini 50 x 25mm

Total = 1034mm² total area
Total = 465mm² 45% space factor

Internal dimensions

47 x 22mm



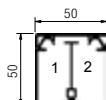
Maxi 38 x 38mm

Total = 1169mm² total area
Total = 526mm² 45% space factor

Internal dimensions

34.2 x 34.2mm

Maxi trunking capacity guide



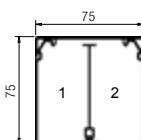
Maxi 50 x 50mm

Total = 1979mm² total area
Total = 890mm² 45% space factor

1 & 2 = 911mm² total area
1 & 2 = 410mm² 45% space factor

Internal dimensions

Compartment 1 = 46 x 46mm



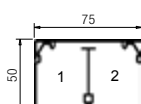
Maxi 75 x 75mm

Total = 4709mm² total area
Total = 2119mm² 45% space factor

1 & 2 = 2196mm² total area
1 & 2 = 988mm² 45% space factor

Internal dimensions

Compartment 1 = 71 x 71mm



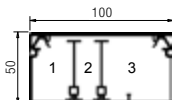
Maxi 75 x 50mm

Total = 3032mm² total area
Total = 1365mm² 45% space factor

1 & 2 = 1347mm² total area
1 & 2 = 606mm² 45% space factor

Internal dimensions

Compartment 1 = 71 x 46mm



Maxi 100 x 50mm

Total = 4040mm² total area
Total = 1818mm² 45% space factor

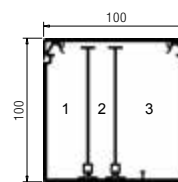
1 = 1056mm² total area
1 = 475mm² 45% space factor

2 = 660mm² total area
2 = 297mm² 45% space factor

3 = 1829mm² total area
3 = 823mm² 45% space factor

Internal dimensions

Compartment 1 = 94 x 46mm



Maxi 100 x 100mm

Total = 8733mm² total area
Total = 3930mm² 45% space factor

1 = 2375mm² total area
1 = 1069mm² 45% space factor

2 = 1464mm² total area

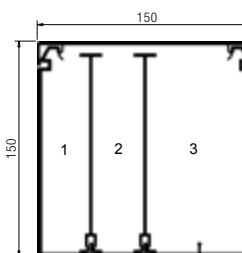
2 = 659mm² 45% space

3 = 4075mm² total area

3 = 1834mm² 45% space factor

Internal dimensions

Compartment 1 = 94 x 94mm



Maxi 150 x 150mm

Total = 20193mm² total area

Internal dimensions

Compartment 1 = 94 x 46mm

Total = 9087mm² 45% space factor

1 = 4406mm² total area

1 = 1983mm² 45% space factor

2 = 4728mm² total area

2 = 2128mm² 45% space factor

3 = 9482mm² total area

3 = 4267mm² 45% space factor

Internal dimensions

Compartment 1 = 143 x 144mm

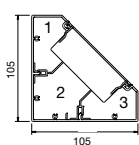
To determine cable capacity, select the size of the cable required and its corresponding cable factor from the table. Divide the compartment area figure (with or without 45% space factor) with the cable factor figure to achieve cable capacity.

Note: When 30mm deep accessory boxes are installed in MTRS100 and MTRS100/50, reduce the area by 2600mm².

Conductor type	Size	Cable factor
Stranded PVC power	1.5mm ²	8.6
Stranded PVC power	2.5mm ²	12.6
Stranded PVC power	4.0mm ²	16.6
*Data cable	Ø5.5mm	23.8
*Data cable	Ø6.0mm	28.3
*Data cable	Ø6.5mm	33.2
*Data cable	Ø7.0mm	38.5
*Data cable	Ø8.4mm	55.4

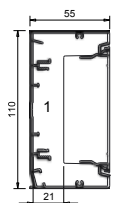
Aluminium trunking capacity guide

Trunking height up to 167mm



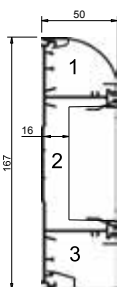
Bench trunking – no box
 1 & 3 = 1842mm² total area
 1 & 3 = 829mm² 45% space factor
 2 = 3342mm² total area
 2 = 1504mm² 45% space factor

With box in comp 2
 2 = 2188mm² total area
 2 = 984mm² 45% space factor
Internal dimensions
 Compartment 1 = 101 x 101mm



Elegance 110 aluminium – no box
 1 = 5254mm² total area
 1 = 2364mm² 45% space factor

With box in comp 1
 1 = 2987mm² total area
 1 = 1344mm² 45% space factor
Internal dimensions
 Compartment 1 = 107 x 52mm



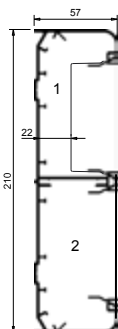
Sterling Curve Aluminium dado/skirting – no box
 1 = 993mm² total area
 1 = 447mm² 45% space factor
 2 = 3275mm² total area
 2 = 1474mm² 45% space factor
 3 = 1035mm² total area
 3 = 466mm² 45% space factor

With box in comp 2
 2 = 959mm² total area
 2 = 432mm² 45% total area
Internal dimensions
 Compartment 1 = 32 x 39mm
 Compartment 2 = 71 x 46mm
 Compartment 3 = 29 x 39mm

To determine cable capacity, select the size of the cable required and its corresponding cable factor from the table. Divide the compartment area figure (with or without 45% space factor) with the cable factor figure to achieve cable capacity.

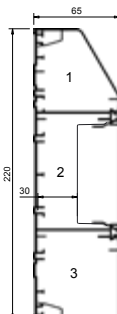
Conductor type	Size	Cable factor
Stranded PVC power	1.5mm ²	8.6
Stranded PVC power	2.5mm ²	12.6
Stranded PVC power	4.0mm ²	16.6
*Data cable	Ø5.5mm	23.8
*Data cable	Ø6.0mm	28.3
*Data cable	Ø6.5mm	33.2
*Data cable	Ø7.0mm	38.5
*Data cable	Ø8.4mm	55.4

Trunking height over 200mm



Twin Plus – no box
 1 & 2 = 5000mm² total area
 1 & 2 = 2250mm² 45% space factor

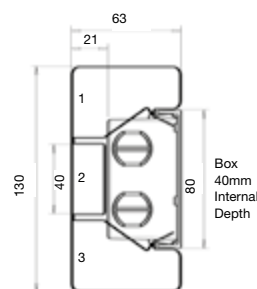
With box in comps 1 or 2
 1 & 2 = 2733mm² total area
 1 & 2 = 1230mm² 45% space factor
Internal dimensions
 Compartment 1 = 95 x 52mm
 Compartment 2 = 95 x 52mm



XL dado/skirting – no box
 1 = 2680mm² total area
 1 = 1206mm² 45% space factor
 2 = 4639mm² total area
 2 = 2088mm² 45% space factor
 3 = 3490mm² total area
 3 = 1570mm² 45% space factor

With box in comp 2
 2 = 1123mm² total area
 2 = 505mm² 45% space factor
Internal dimensions
 Compartment 1 = 64 x 62mm
 Compartment 2 = 84 x 62mm
 Compartment 3 = 64 x 61mm

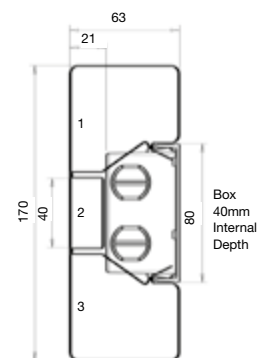
Steel trunking Series 130 and Series 170



System 130 trunking 130 x 63mm

Compartments 1 & 3 = 1585mm² (each) total area
 Compartments 1 & 3 = 713mm² (each) 45% space factor
 Compartment 2 = 760mm² total area (with box)
 Compartment 2 = 342mm² 45% space factor (with box)

Internal dimensions
 Compartment 1 = 128 x 61mm



System 170 trunking 170 x 63mm

Compartments 1 & 3 = 2812mm² (each) total area
 Compartments 1 & 3 = 1265mm² (each) 45% space factor
 Compartment 2 = 760mm² total area (with box)
 Compartment 2 = 342mm² 45% space factor (with box)

Internal dimensions
 Compartment 1 = 168 x 61mm

Calculations

Please note that all the above calculations are based on a box depth of 30mm

PRODUCT INDEX AND GENERAL INFORMATION

PVC-U material data

Marshall-Tufflex cable management products are manufactured in Extra Super High Impact PVC-U grade material, capable of withstanding the most hazardous conditions on site and which exceeds the most stringent requirements of the British Standards.

Characteristics

Specific gravity		1.42
Co Efficient of Linear Expansion		$7 \times 10^{-5}/m^{\circ}C$
Water Absorption		Negligible
Electric Strength		To the requirements of BS EN 50085
Fire Performance	BS 476 PT6 & PT7 BS EN 50085 UL94 BS EN 61386-1 BS 4607	CLASS 1 PASS V-0 @1.6mm PASS PASS
Oxygen Index		42%
Tensile Strength		492/562 kg/cm ²
Insulation Resistance		To the requirements of BS 4607, BS EN 50085, BS EN 61386-1
Chemical Resistance		See below
Vicat Softening Point (conduit & trunking)		80°C BS EN ISO 306
Vicat Softening Point (moulded fittings)		76°C BS EN ISO 306

Chemical resistance

The material is virtually unaffected by solutions of inorganic acids, alkalis and salts and is resistant to many organic chemicals. It may be softened by some organic materials such as ketones and aromatic compounds. It will not corrode. For further details on chemical resistance to a wide range of chemicals please visit www.marshall-tufflex.com

Fire resistance

The material used in Marshall-Tufflex conduit and trunking are self-extinguishing and comply with the requirements of BS 476 Parts 6 and 7 and BS 4678. Non-flame propagating to BS EN 50085 and BS EN 61386-1. (See Characteristics table above)

Thermal properties

Marshall-Tufflex conduit and trunking is designed to accommodate variations of ambient temperature equating to 5.25mm/3m for a temperature rise of 25°C.

Operating temperatures: -5°C to +60°C.

Thermal conductivity: 0.19 w/m/°C.

Conduit Impact resistance

High impact resistance. The material is formulated to comply with the -5°C Heavy Gauge Requirements of BS EN 61386-1.

Standards

Trunking systems are manufactured to comply with the requirements of BS EN 50085-1:2005+A1:2013, where applicable. Conduit systems comply with the requirements of BS 4607-5:1982+A3:2010, BS EN 61386-1:2008 and BS 4607-1:1984+A2:2010.

Polycarbonate material data

Chemical resistance

Polycarbonate is resistant to most mineral and organic acids, a number of fats and oils, saturated aliphatic and aromatic hydrocarbons and alcohols, with the exception of methyl alcohol. It is not resistant to alkalis, ammonia gas and its solution or to amines.

Characteristics

Vicat softening point – ISO 306	VST/B 145°C
Flammability to UL94 @ 1.5mm	94V-2
Flammability – oxygen index	35%
Density	1.2g/cm ³
Water absorption (in water)	0.35%

ABS high impact FR material data

Fire Retardant (FR) ABS has a good chemical resistance to inorganic salt solutions, alkalis, mineral acids (except strong oxidising acids) and some mineral, vegetable and animal based oils. It is attacked by organic solvents such as alcohols, esters, ketones and ethers.

Characteristics

Vicat softening point	ISO 306	96°C
Density	1.18g/cm ³	
Material		UL listed
Fire performance	BS 4678 BS EN 50085 UL94	PASS PASS V-O @ 1.6mm
Water absorption (in water)	DIN53495/L	0.3%

Aluminium material data

Grade 6063 TS

Tensile strength: 190N/mm²

Co Efficient of linear expansion: $24 \times 10^{-6}/m^{\circ}C$.

Thermal conductivity: 120w/m/°C.

Health and Safety at work

Health and Safety at work etc. Act 1974

1. Section 6 of this act imposes on all manufacturers, designers, importers or suppliers of articles for use at work a duty to ensure, so far as is reasonably practicable, that the article is so designed and constructed that it will be safe and without risks to health at all times when it is being set, used, cleaned or maintained by a person at work. Part 1 of the Consumer Protection Act 1987 introduces strict liability for defects in products. In considering whether a product is defective, consideration has to be given to any instructions issued with the products. It is therefore essential that the purchasers ensure that any relevant information or advice relating to the use of the product is strictly complied with.
2. Having regard to these provisions the following is given as a guide to the information which is readily available to you in order that the obligations of all concerned may be met as fully as is reasonably practicable. This information relates to those products detailed in our Catalogue(s) or associated literature.
3. Information on the design, construction and installation of our products may be found in catalogues and product leaflets of this Company, or may be obtained by specific request to the Company.
4. It is important that the products concerned should be installed, commissioned and maintained by, or under supervision of competent persons in accordance with:
 - BS7671 IEE Regulations for the Electrical Equipment of Buildings
 - Codes of Practice
 - Statutory requirements
 Any instruction specifically advised by the Company The Purchaser must satisfy himself that he has complied with such requirements.
5. In accordance with the provisions of the Act you are therefore requested to take such steps as are necessary to ensure that any appropriate information relevant to our products is made available by you to anyone concerned.

General information

Low Voltage Directive

Marshall-Tufflex products that come within the scope of the Low Voltage Directive (LVD) will be UKCA Marked to confirm that they meet the necessary requirements of this directive.

Product colour

The colour of products shown in this catalogue are representative only.

Please note: due to different processes and materials utilised, it may not always be possible to obtain an exact colour match between the extruded and moulded product.

Unexposed parts

Unexposed parts may not always be supplied in the colours depicted in this catalogue. This will not detract in any way from the finished look of the product.

Conditions of Sale

All products are sold subject to Marshall-Tufflex Limited Conditions of Sale (as amended from time to time). Copies of these Conditions of Sale are available on request.

Continuous improvement

In pursuance of our policy of continued product improvement Marshall-Tufflex reserves the right to change the design, specification or pack quantities of its products without notification.

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A25LRWH	58
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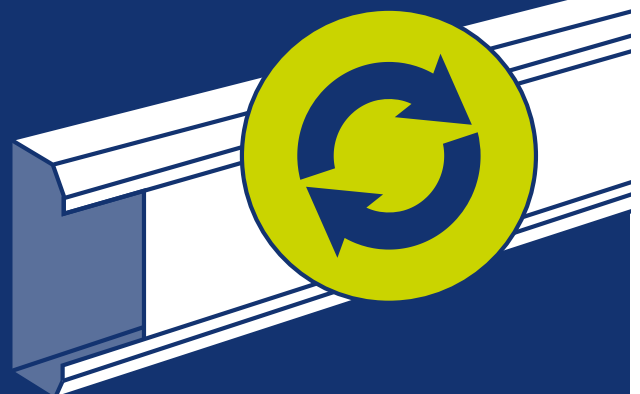
Range recycling figures

System	Percentage
White maxi trunking lengths	100%
Mono 10 trunking assembly (EPM10WH)	70%
Sterling Compact trunking assembly (EPM20WH)	54%
Sterling Curve dado trunking assembly (CEP1MWH)	55%
Sterling Curve skirting trunking assembly (CEP2MWH)	52%
Sterling base (ETB1M)	100%
Odyssey trunking assembly (DD1WH)	62%
Twin Plus trunking base (EMT60WH)	74%
Cornice trunking (MCT1WH)	80-100%
Sovereign Plus skirting trunking (JE03WH)	80-100%
Bendex Challenger dado trunking assembly (XT1CWH)	55%
Bendex Challenger skirting trunking assembly (XT2CWH)	52%

* Recycling content may vary depending on material availability.

ALL OF OUR PVC-U PRODUCTS CAN BE RECYCLED...

Prevent PVC-U being placed into landfill by recycling our products at the end of their useful life.



Perimeter and containment trunking by size

A quick reference guide to finding information on trunking, shown in size order from small to large.

PVC-U perimeter trunking systems – by size

Dimensions	Range	Page
100 x 50mm	Mono 10	18
140 x 50mm	Sterling Compact	19
167 x 50mm	Sterling Curve	21
180 x 57mm	Odyssey Bio	24
210 x 57mm	Twin Plus	26
220 x 65mm	XL Trunking	28

Specialised trunking systems – by size

Dimensions	Range	Page
50 x 50mm	Cornice	30
75 x 20mm	Sovereign Plus	31
105 x 105mm	Bench Bio Trunking	32

Bendex PVC-U perimeter trunking systems – by size

Dimensions	Range	Page
167 x 50mm	Challenger Trunking	54

Bendex Mini and Maxi trunking systems – by size

Dimensions	Range	Page
16 x 16mm	MT16 Mini Trunking	56
25 x 16mm	MT25 Mini Trunking	56
38 x 25mm	MT40 Mini Trunking	56
50 x 50mm	CT30 Maxi Trunking	57
75 x 75mm	CT50 Maxi Trunking	57
100 x 100mm	CT60 Maxi Trunking	57
100 x 50mm	CT70 Maxi Trunking	57

Mini and Maxi Trunking systems – by size

Dimensions	Range	Page
10 x 8mm	MMT00 Mini Trunking	35
18 x 9mm	MMT0 Mini Trunking	35
16 x 16mm	MMT1 Mini Trunking	35
25 x 16mm	MMT2 Mini Trunking	35
38 x 16mm	MMT3 Mini Trunking	35
38 x 25mm	MMT4 Mini Trunking	35
50 x 25mm	MMT5 Mini Trunking	35
38 x 38mm	MMT6 Mini Trunking	35
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75 x 50mm	MTRS75/50 Maxi Trunking	38
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100 x 100mm	MTRS100 Maxi Trunking	38
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Aluminium perimeter trunking systems – by size

Dimensions	Range	Page
105 x 105mm	Bench Trunking	64
110 x 55mm	Elegance 110	65
167 x 50mm	Sterling Curve	66
210 x 57mm	Twin Plus	68
220 x 65mm	XL Trunking	69

Steel perimeter trunking systems – by size

Dimensions	Range	Page
130 x 63mm	System 130	74
170 x 63mm	System 170	75

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We distribute our cable management products to over 55 countries worldwide via a network of channel partners and distributors including the Caribbean islands and Africa. Our network of distributors and agents is vast and below are the details of our main distributors. If there is not a distributor listed in your region please contact us at international@marshall-tufflex.com – we would welcome your interest and are open to building new relationships. ☎ +44 (0)1424 856600 ✉ international@marshall-tufflex.com



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Marshall-Tufflex is partnered with Vivasvaan Industrial Co. to manufacture conduit for the GCC region. From the factory in Abu Dhabi the company has an active presence in all Emirates in addition to Oman, Qatar and Bahrain. Products are manufactured to Marshall-Tufflex's specification and standards meaning customers in the Gulf region experience the same great quality as they would from Marshall-Tufflex's manufacturing facility in the UK.

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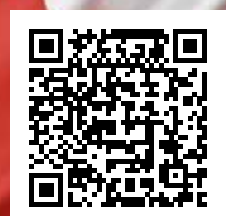
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