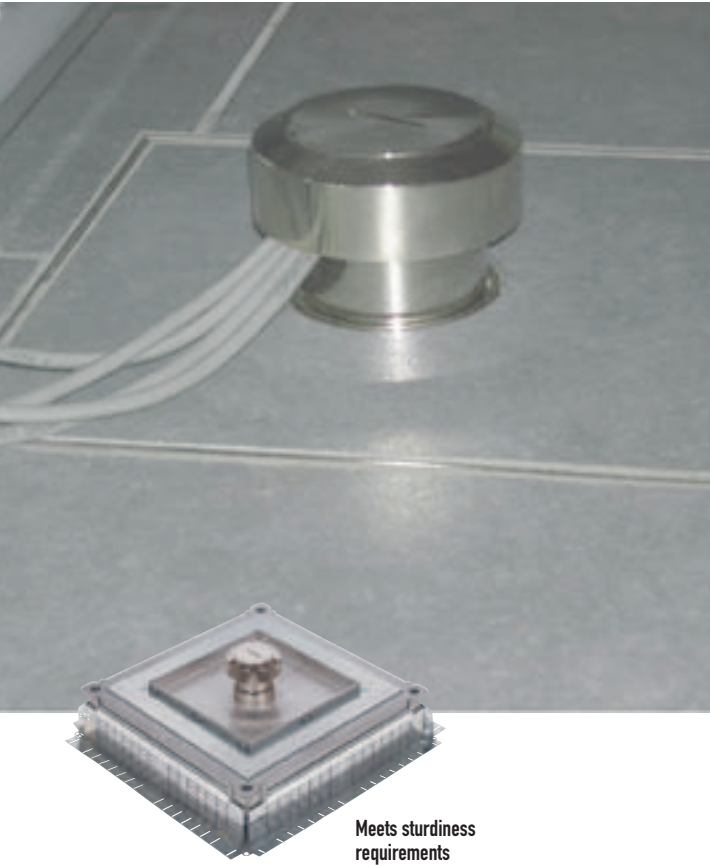


NEW High resistance for high requirement

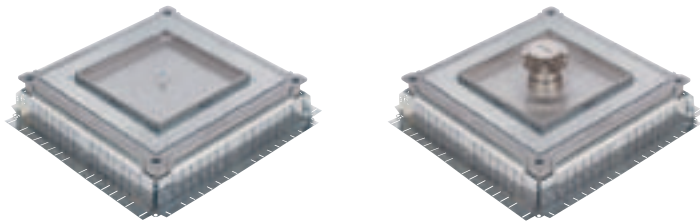
For highly frequented areas, requiring important mechanical resistance and/or washing down.



- ▶ Perfect solution for shopping centres, car showrooms, exhibition halls, airports...
- ▶ Heavy load support: 8 and 20 KN load resistance
- ▶ 3 types of cover:
 - IP 66 plain cover for all types of floors
 - IP 66 for marble and tiled floors
 - IP 30 for wooden floors

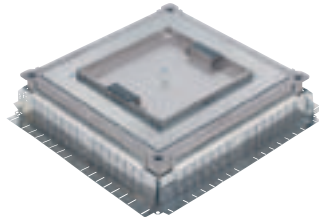
Heavy duty floor box
For concrete floors

NEW



896 34 + 896 83 + 896 85

896 34 + 896 83 + 896 86+ 896 87



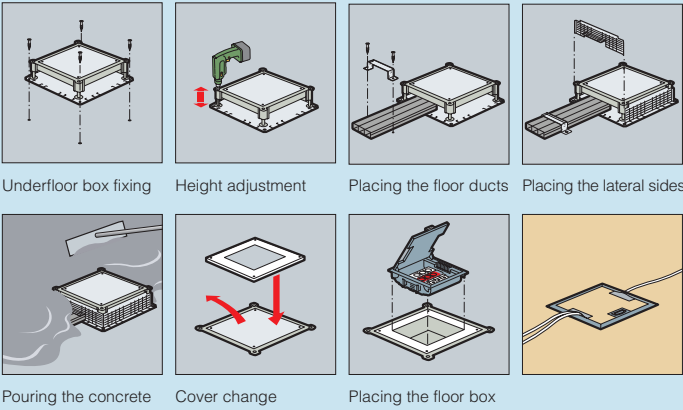
896 34 + 896 83 + 896 88

For highly frequented areas, requiring important mechanical resistance and/or washing down
Conform to standard EN 60-670 and EN 50 085-2-2

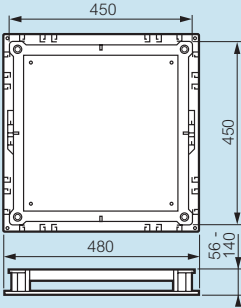
Pack	Cat.No.	Metal in-screed floor box
1	896 34	Junction or connection point for concrete floor according to type of cover associated For junction of LV and ELV cabling and/or installation of floor boxes Height adjustable from 105 mm to 140 mm using 4 inserts located in the box corners and a tool adapting to electric drill or screwdriver Bendable side walls for assembling with different sizes of floor ducts Supplied with worksite protection cover to be replaced by blanking cover plate or mounting cover plate Allowing floor covering infill between 6 and 24 mm Universal metal in-screed backbox
1	896 83	Accessories for metal in-screed floor box Normal load support Up to 8 KN load with deflection < 6 mm
1	896 84	Heavy load support Up to 20 KN load with deflection < 3 mm
6	896 39	Set of 2 conduit adaptors for metal cavity floor box Cat.No 896 34
1	896 85	Plates for metal in-screed floor boxes For metal in-screed floor box Cat.No 896 34 Use support Cat.No 896 83 or 896 84 All types of floors IP 66 plain cover (cover closed) Access trap for junction, no cable exit IP 66 plain plate
1	896 86	Marbled and tiled floors IP 66 plate (cover closed and plugs not connected) with central cable exit IP 66 plate with central cable exit To receive 24 mosaic modules Supplied with all necessary wiring accessories supports
1	896 87	Accessory for plate with central cable exit IP 52 cable exit accessory for IP 66 cover plate Cat.No 896 86
1	896 88	Wooden floors IP 30 plate with 2 lateral cable exits To receive 24 mosaic modules

Metal in-sceed floor box

PVC floor duct and backboxes installation principle



Dimensions cat. no. 896 34



Floor service outlet boxes and access units

Standard EN 50085-2-2 concerns systems for distributing currents in the floor (sunken or surface-mounted)
It ensures consistent performance along the entire distribution length up to the user connection point

Classification for distribution system by floor

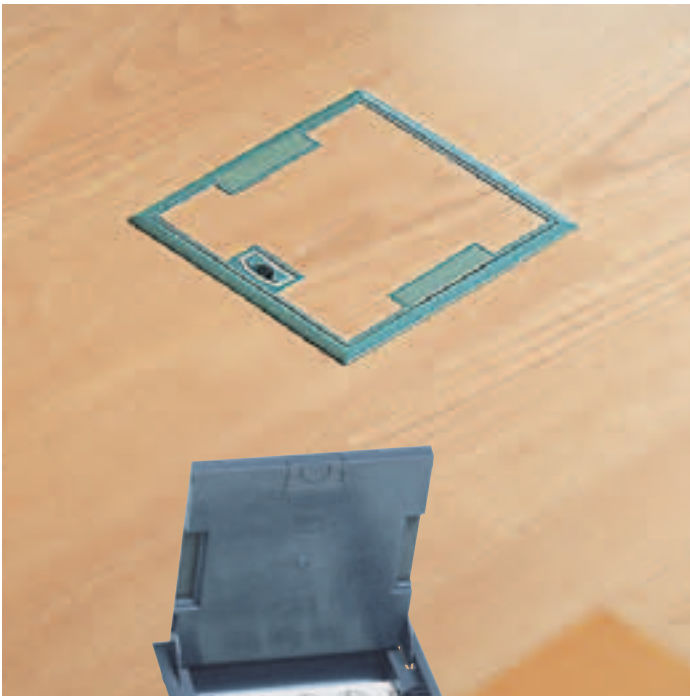
		Embedded in floor	On floor	Heavy duty floor system
6.2	Resistance to impact for installation and application	5 J	5 J	5 J
6.3	Minimum storage and transport temperature	- 25 °C	- 25 °C	- 25 °C
6.3	Minimum installation and application temperature	- 5 °C	- 5 °C	- 5 °C
6.3	Maximum application temperature	+ 60 °C	+ 60 °C	+ 60 °C
6.4	Resistance to flame propagation	Non propagating	Non propagating	Non propagating
6.5	Electrical continuity characteristics	Without continuity	Without continuity	Without continuity
6.6	Electrical insulating characteristics	Without electrical insulating characteristic	Without electrical insulating characteristic	Without electrical insulating characteristic
6.7	Degree of protection provided by enclosure	IP30	IP20	IP66 ^(A) IP30 ^(B)
6.9	System access cover retention	With a tool	With a tool	With a tool
6.101	Floor treatment	Dry floor treatment	Dry floor treatment	Wet floor treatment
6.102	Resistance to a vertical load applied over a small surface area	750 N	750 N	3000 N
6.103	Optional classification according to resistance to a vertical load applied over a large surface area	3000 N	3000 N	15000 N

Composition and function with distribution sytem on floor

Dim. trunking	92 x 20 Cat.No 328 00
Nbr of compartments	4
Accessories for over floor trunking	Distribution box Cat.No 328 01
	Flat angle Cat.No 328 02
	Cover joint Cat.No 328 03
	End cap Cat.No 328 07
Mini-column	White Cat.No 307 42
	Alu Cat.No 307 29
Column modules	see p. 308

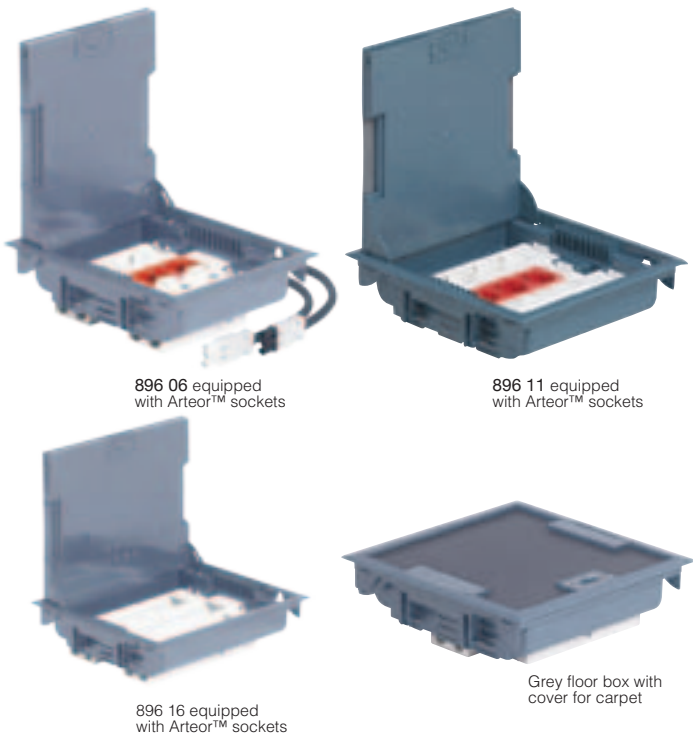
Perfect integration!

Legrand provides equipment for your raised floors and concrete floor slabs. The floor boxes blend in with the decor and their ergonomic design is tailored to users' requirements.



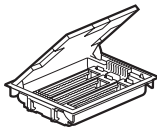
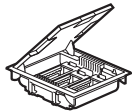
- ▶ **2 ranges:**
Adjustable height (75 to 105 mm) and reduced height (65 mm) for low service spaces
- ▶ **Reversible cover:**
That can be covered (carpet, vinyl, parquet, etc.) and is easy to open (no tool required)
- ▶ **Floor boxes:**
Available in custom-made solutions for all specific requirements, please consult us

Floor boxes
For raised or concrete floors

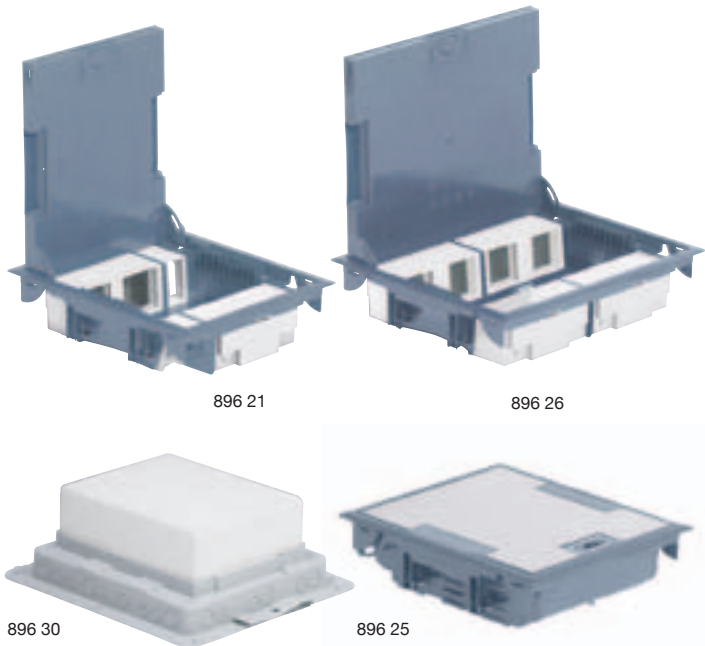


Conform to standard NF EN 60-670
IP30 IK07
Workstation connection for raised floor or concrete floor (using plastic underfloor box, see opposite page)
Supplied with reversible cover for carpet
For technical space ≥ 75 mm
Mounting boxes (for horizontal wiring device positioning):
- height adjustable from 75 to 105 mm
- ensures perfect cable separation
- takes 2 flexible conduits $\varnothing 20$ mm
- offset one from another for optimal connection for all sockets
- takes marking labels
- to be equipped with Arteor™ sockets (see p. 307)
Easy opening cover by rings and holding in open position during connection

Pack	Cat.No.	With adjustable height from 75 to 105 mm to be equipped
		Floor boxes equipped with empty mounting boxes To be equipped with Arteor wiring accessories (p. 307)
1	896 06	12 modules With cover for carpet Grey RAL 7031
1	896 11	18 modules With cover for carpet Grey RAL 7031
1	896 16	24 modules With cover for carpet Grey RAL 7031



Floor boxes and underfloor boxes
For raised or concrete floors



Pack	Cat.No.	Floor boxes with height reduced to 65 mm
		Conform to standard NF EN 60 670 IP30 - IK07 For technical space ≥ 65 mm For renovation with reduced height technical floor or for concrete floor Supplied with reversible cover Mounting boxes (for vertical wiring device positioning): - supplied with blanking plates requiring sufficient space between the sockets if angled plugs are used - to be equipped with Arteor™ sockets - takes marking labels - ensures perfect cable separation Easy opening cover by rings and holding in open position during connection
1	896 20	10 modules For installing 4x2 modules Arteor and 2x1 module Arteor™ With stainless steel cover grey RAL 7031
1	896 21	With cover for carpet, grey RAL 7031
1	896 25	16 modules For installing 8x2 modules Arteor™ With stainless steel cover, grey RAL 7031
1	896 26	With cover for carpet, grey RAL 7031

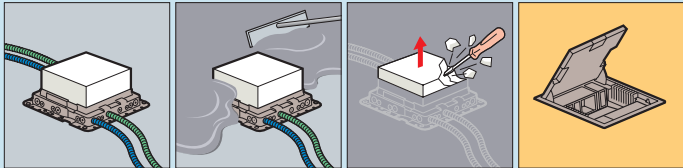
		Plastic underfloor boxes
		For integration of floor boxes in concrete floor installations Power supply by flexible conduits $\varnothing 16$, 20 and 25mm Supplied with polystyrene for easy installation (see opposite)
1	896 30	For integration of floor boxes 12 modules, or floor boxes with reduced height 10 modules
1	896 31	For integration of floor boxes 18 modules
1	896 32	For integration of floor boxes 24 modules, or floor boxes with reduced height 16 modules

Arteor™ GPO's, A/V and Data Sockets (p. 307)

Floor boxes and underfloor boxes
For raised or concrete floors

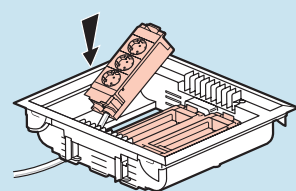
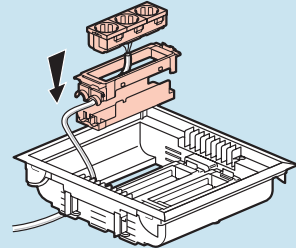
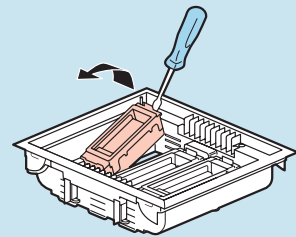
Installation principles

Installation

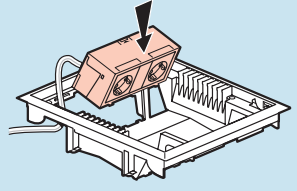
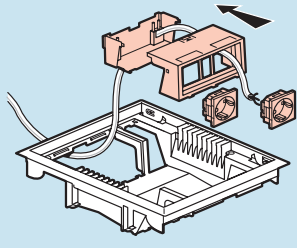
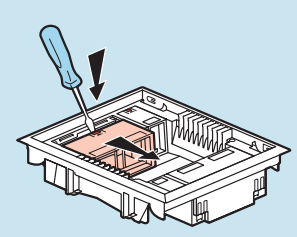


Positioning wiring accessories

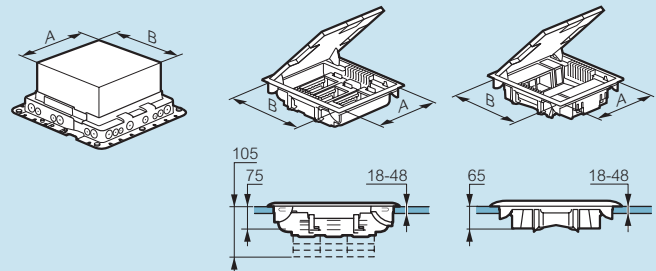
In floor boxes with adjustable height 75 to 105 mm



In floor boxes height 65 mm

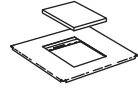
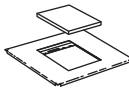


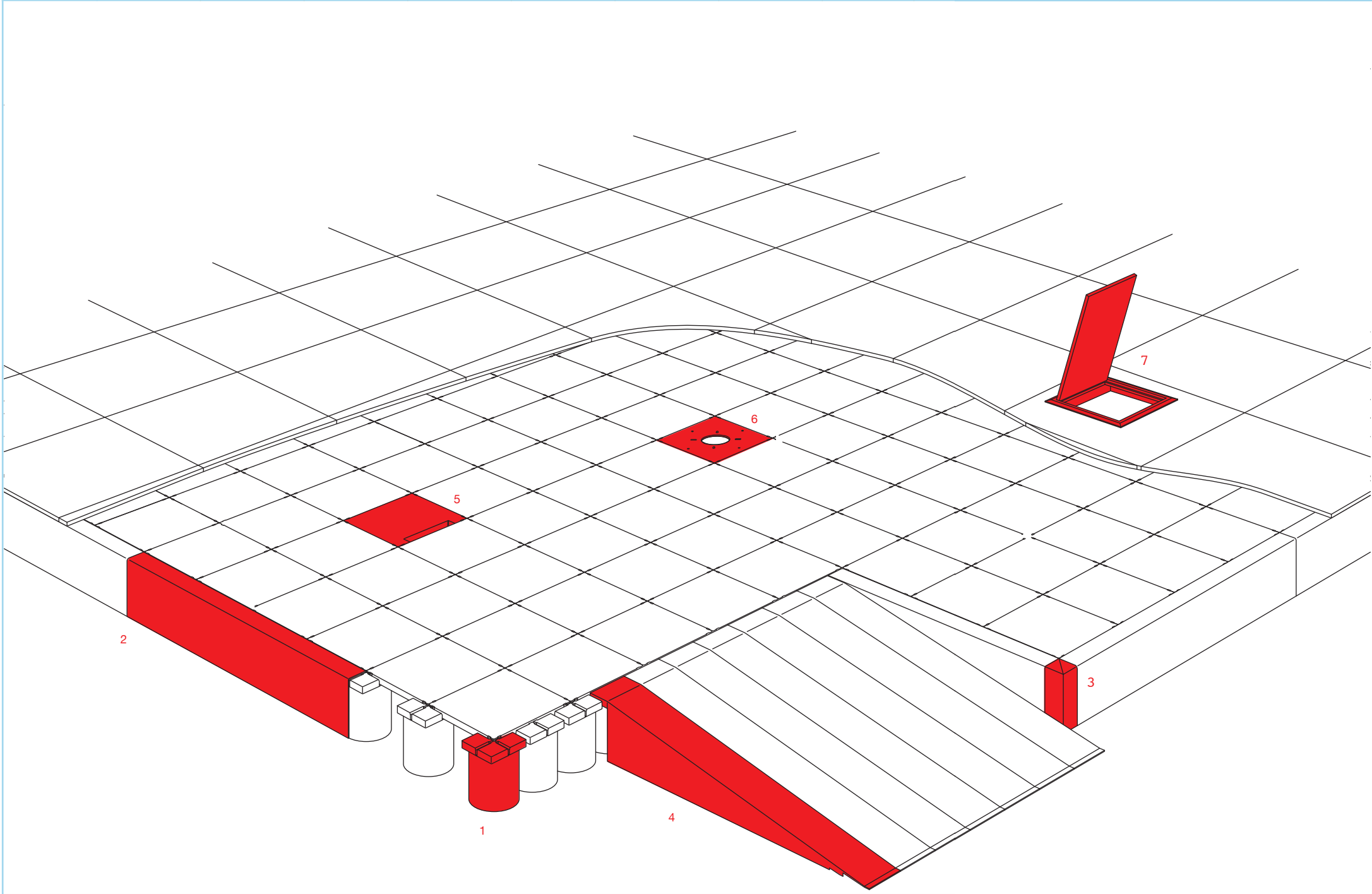
Choice of plastic underfloor box according to the floor box to be installed



Cat. No.	A (mm)	B (mm)
896 06/20/21	212	252
896 11	252	252
896 16/25/26	306	252

Soluflex® cable floor system selection chart

Height (mm)	Tile	Support	Double edge plate	Single edge plate	Step	Step corner	Ramp	Earthing tile		Cable outlet tile	Accessory outlet tile	Fixing bracket	Fully - Submerged Arteor™ unit	Floor box tile*	Floor box tile**	Cable snake – black ⁽²⁾	Mini - column
														 For boxes 89606, 89620, 89621 ⁽⁷⁾	 For boxes 89625, 89626 ⁽⁷⁾		
37	84000 10	84037 00	84000 60	84000 61	84037 22	84037 30	84037 40	84000 20		84000 30	84000 40	84000 50	–	–	–	81906 41	30729
60	84000 10	84060 00	84000 60	84000 61	84060 22	84060 30	84060 40	84000 20		84000 30	84000 40	84000 50	84060 72	–	–	81906 41	30729
90	84000 10	84090 00	84000 60	84000 61	84090 22	84090 30	84090 40	84000 20		84000 30	84000 40	84000 50	–	84090 85	8090 87	81906 41	30729
120	84000 10	84120 00	84000 60	84000 61	84120 22	84120 30	84120 40	84000 20		84000 30	84000 40	84000 50	–	84090 85	8090 87	81906 41	30729



Cable snake
The cable snake creates neat, tidy work spaces by concealing cables between the floor and the desk.
For more information, contact us on 1300 369 777



Mini column
2 finishes available, aluminium or white.
To be equipped with supports for Arteor™ sockets (p. 307)
For more information contact us on 1300 369 777

