

SUSTAINABLE CABLE MANAGEMENT SOLUTIONS FOR ABBEY HOUSE DENTAL SURGERY

Penkhull Electrical has installed Marshall-Tufflex products as part of a major refurbishment project for the new Abbey House Dental Surgery in Festival Park, Stoke-on-Trent. With sustainability being a key principle for the client, Marshall-Tufflex's cable management solutions were the natural choice to meet the project's environmental and functional requirements.

The project involved completely stripping back and redesigning the three-floor premises to accommodate Abbey House Dental Surgery's chic new clinic. Staffordshire-based Penkhull Electrical, which has built a solid reputation for delivering quality service with a personal touch, was contracted by Artico Design and Build, the main contractor, to install the complete electrical works for the bespoke refurbishment project. This included lighting, heating, telephones, CCTV and audio-visuals with Smart Office interfaces for full functionality.



A critical specification factor for Penkhull Electrical Director Greg Smith was that the products aligned with Penkhull and Artico Design and Build's commitment to sustainability and the circular economy. Having worked with Marshall-Tufflex on several previous projects, Greg was confident in the brand's ability to provide environmentally friendly solutions.

"We've worked for Artico Design and Build on several projects, and our values align," explained Greg. "Sustainability is a key principle for our client. All products needed to meet the environmental, sustainable side of the project, but also be functional and complement the dental practice's luxurious aesthetics."

To meet these requirements, Penkhull Electrical specified a range of Marshall-Tufflex products, including Tufflex Tile, Maxi trunking, Basor Fast Fit Wire Basket, and Sterling Curve Bio perimeter trunking system. The Tufflex Tile, a lightweight and strong alternative to the traditional wooden pattress was used for the ceiling installation, reducing dust levels and installation time. The Maxi Trunking, made from 100% recycled PVC-U, provides a tamper-proof and flexible power and data cable management solution throughout the surgery.

The Basor Fast Fit Wire Basket features integrated couplers which simply join together for super-fast installation. Sterling Curve Bio, a sleek trunking system with segregated compartments, was specified for its antimicrobial properties. The trunking uses a silver ion ingredient which ensures that 99.9% of harmful bacteria will not survive on the surface, making it the ideal choice for the dental practice.



"We've installed Marshall-Tufflex in the past," Greg said. "We used to specify off-the-shelf products but are more environmentally aware now. We want to specify and install products that align with the circular economy and can be recycled and reused. This 100% played a part in selecting Marshall-Tufflex's products."

Marshall-Tufflex provided technical support and specification assistance throughout the project to ensure the installation met Penkhull Electrical and Artico Design and Build's exacting requirements.

Despite the challenges posed by the building's age, such as uneven walls, the functionality of the cable management products, particularly the dado and adjustable bends, enabled them to accommodate the existing structure without significant issues.

"The support provided by Marshall-Tufflex was excellent," concluded Greg. "We're really happy with the result, and Marshall-Tufflex is now our go-to company for cable management. It is an important part of our value chain. You only have to have one part of the supply chain fall over to cause significant problems on a project, so we need to be sure we're partnering with a reliable manufacturer – Marshall-Tufflex is."



To find out more, visit www.marshall-tufflex.com