



...prevents the spread of fire through electrical conduit



FEATURES

- Meets the firestopping requirements of the 17th edition of the IEE Wiring Regulations
- Tested to BS476 Part 20/EN 1366-3 for up to 2 hours with variable cable fill
- Can be used in masonry/stud walls and concrete floors
- For use in offices, schools, hotels, data-centres, hospitals, clean rooms, armed forces, nursing and student accommodation and other commercial properties or multiple occupancy residential buildings
- Supplied in 300mm lengths and can be cut to length
- Available for 20mm and 25mm plastic conduit
- Suitable for most data-cabling and wiring installations
- No need for special tools
- Simple, quick and error free installation
- No need for resealing conduit after carrying out upgrade cabling works
- Forms an integral part of the conduit installation
- No earth bonding required
- Peace of mind that installation is safe and 'fit for purpose'
- Easily identifiable to building inspectors

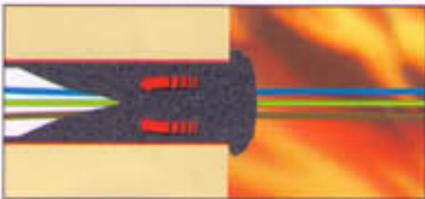
THE SOLUTION

FireBrake Electrical Conduit removes these ambiguities.

New and unique, it has been designed to solve these problems and meet the regulatory requirements in a professional, quick, simple and cost effective way. However, most importantly it also prevents careless installation, which can be common with other firestopping conduit products. It ensures that the installation is safe and will work under fire conditions.

How does it work?

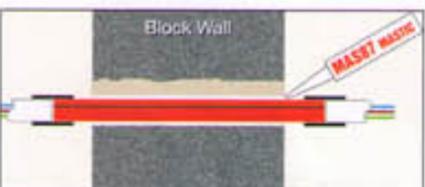
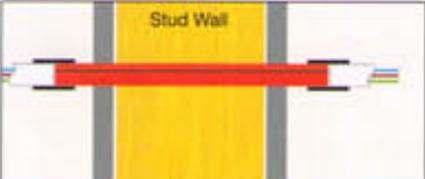
FireBrake Electrical Conduit has an internal layer of intumescent that reacts to fire and rapidly expands, stopping the spread of fire through the electrical system by providing a 100% closed fire stop plug, thus reinstating the fire resistance of the element concerned. It ensures that the installation is 100% protected both internally and externally. It is certain that the installation will work when it most needs to.



Installation

As FireBrake Electrical Conduit has the same outer diameter as standard conduit, it can be connected with standard conduit couplers and forms part of a complete cable management system. FireBrake Electrical Conduit is supplied in 300mm lengths that can be easily cut, which means that one length can often complete two installations.

Although a technically advanced fire protection product, it is easy to install and does not present the installer with anything 'different' to consider during installation. It can be fitted into pre-cast, core cut or other accurately produced openings using standard installation techniques, familiar to all site engineers. No additional fixing is necessary, although some installations may require the use of standard acrylic acoustic intumescent mastic for making good.



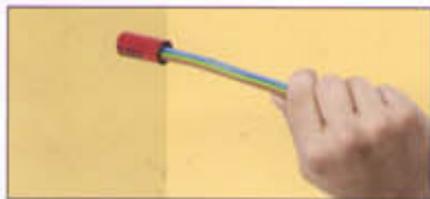
Because there are no metal components, this ensures that there is no need for any earth bonding.

Inspection of wiring is simple as the inner bore of the conduit is not filled with any other firestopping material. It also means that wiring after inspection is still possible. FireBrake Electrical Conduit provides a fail-safe and easy solution for potential wiring and cabling upgrade works, a major source of risk for fire spread in occupied buildings

FireBrake Electrical Conduit is tested for installation in concrete floors, plasterboard partitions and block work walls.

Savings

As has been proved, FireBrake Electrical Conduit is very quick and simple to install and is estimated to reduce typical installation time on traditional methods by as much as 66%.



Peace of Mind

Most importantly, FireBrake Electrical Conduit will provide unrivalled reliability for the life of the conduit system. The nature of the product means that there is less chance for poor workmanship and will also avoid ambiguous installations, such as those associated with compounds and mastics. The installation becomes professional and seamless. It ensures that the installation is safe and will work under fire conditions and that supporting documentation will prove that the product is 'fit for purpose'.

Easily identifiable

FireBrake Electrical Conduit is easily identifiable as a firestop - sealants could just be decorator's caulk and test data of sealants with conduit is slim, if they even exist. FireBrake Electrical Conduit's wall thickness is engineered to provide the exact amount of active ingredient to close the conduit off if empty, partially or completely filled with cables. The red colour of the FireBrake Electrical Conduit helps to identify the product during inspection.



THE RANGE

Code	Description	Length
20C89	20mm FireBrake Electrical Conduit	300mm



25C89	25mm FireBrake Electrical Conduit	300mm
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FireBrake Electrical Conduit is available in attractive contractor packs that are ideal for keeping in the back of a van or, alternatively, as a dispenser at the stockist so individual lengths can be purchased.

The 20mm pack contains 42 lengths and the 25mm pack takes 26 lengths.



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