

## Intumescent Conduit

Fire protection solution for electrical wire penetrations

As part of the comprehensive FirePro® range of fire protection products, FirePro® Intumescent Conduit is designed to provide a firestop cable management system for passing electrical and telecommunications cables through fire rated walls and floors.

Tested to BS 476 Part 20: 1987 and EN1366-3, FirePro® Intumescent Conduit will provide up to 4 hours fire protection.

The FirePro® Intumescent Conduit allows electrical contractors to partially or completely fill the product of install and leave it empty ready for future cable installation. This is a truly 'fit and forget' product.

### Installation

Installation is simple. Core drill a hole in plasterboard, masonry or concrete to suit the outside diameter of the conduit. For masonry and concrete substrates, cut the conduit to suit the thickness of the wall/floor and simply push through the hole. For plasterboard applications, cut the conduit leaving 12.5mm exposed on both sides of the wall.

For larger holes, fit conduit around cables or sleeve the existing PVC conduit and make good with FirePro® Ablative Coated Batt (50mm thick) or FirePro® Firestop Compound (minimum 75mm thick).

For a cold smoke seal, gun FirePro® Acoustic Intumescent Sealant into the conduit to a depth of 10mm. In a fire, the conduit expands to form a char to prevent the passage of fire and hot gases along the cables.



### Fire Rating

Intumescent Conduit	Plasterboard Partition (130mm Wide)	Masonry Wall	Concrete Floor	Coated Panel Floors/Walls
100% cable fill	120 mins	120 mins	240 mins	120 mins
50% cable fill	120 mins	120 mins	240 mins	120 mins
Empty *	120 mins	120 mins	240 mins	120 mins

\*If conduit is empty, the end must be sealed with FirePro® Acoustic Intumescent Sealant.

### Sizes

FirePro® Intumescent Conduit is available in 1200mm lengths in the following sizes:

Outside Diameter	Internal Diameter	Wall Thickness
20mm	16.4mm	1.8mm
25mm	21.2mm	1.9mm
32mm	27mm	2.5mm

## Specification

Install FirePro® Intumescent Conduit to provide up to 4 hours fire protection where cable pass through fire rated walls and floors. Installation to be fully in accordance with manufacturer's instructions.

## Technical Information

Please contact Wilhams Insulation Far East Sdn Bhd for information on Material Safety Data Sheet and Installation Instructions.

## Ordering

When ordering, please include the following information:

- Size of conduit
- Quantity required

FirePro® is the registered trademark of Wilhams Insulation Far East Sdn Bhd

The logo for Wilhams Insulation Far East Sdn Bhd. It features the word "WILHAMS" in a bold, blue, sans-serif font. A red diamond shape is positioned above the letter "A".

**Wilhams Insulation Far East Sdn Bhd**

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