Intumescent Wraps

FIROBLOK INTUMESCENT FLEXIBLE WRAPS

Wraps, sleeves for ducting, pipes and electrical trunking

DESCRIPTION

Firoblok sleeves are designed to protect cables and metal/plastic pipes and ventilation trunking passing through fire-rated ceilings, floors, or walls made from block, brick, or concrete, and hollow plasterboard floors and walls. They are flexible, allowing contraction and expansion of water pipes, and give protection from corrosion caused by close contact with cement, cement blocks, plaster, and other corrosive building materials.

A silver coloured reinforced covering contains the intumescent material so that it expands inwards and crushes into melting PVC pipes, trunking, ducts, etc in the heat of a fire. They also absorb heat from fire and help prevent metal pipes, services, and armoured cables from overheating.

The sleeves are supplied in 100mm, 150mm, 200mm, or 500mm lengths. They can be easily cut with a sharp knife and they should be installed level with the surrounding ceiling, floor, or wall. In the case of a fire, the intumescent material will expand, sealing the gap between the cable or pipe and its surrounding ceiling or wall. See also Product 7 (intumescent wraps) and Product 25 (cable protection system for cavity walls).

USE

For services passing through fire-rated ceilings and walls (especially where contraction and expansion allowance is required, e.g. water/gas pipes). Also for use in brick, block, concrete, and hollow floors or walls.

PERFORMANCE

This product underwent a fire resistance test employing the general procedures and criteria of BS476 Part 22 (1987), achieving an integrity of 130 minutes in solid walls, 67 minutes in hollow walls, and 4 hours in concrete/ block ceilings/ walls. Also tested to EN1366-3 (2005), EN1363-1 (2000), and EN13501-2 (2004)

Preparation and Fitting Guide

Measure the depth of the opening and mark this on the wrap. You cut off just what you need with no waste.

Cut the wrap to the marked depth with a sharp knife.

Lift the self-adhesive flap to reveal a marked line along the depth of the wrap.

Cut along the marked line with a sharp knife to open up the wrap for fitting onto the trunking or ducting.

Check that the wrap fits comfortably around the trunking and introduce this combination into the opening.

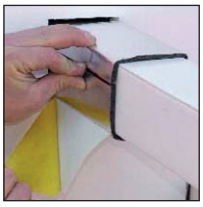
Whilst holding the wrap in place, remove the backing from the self - adhesive strip.

Firmly fasten the self-adhesive strip over the join of the wrap.

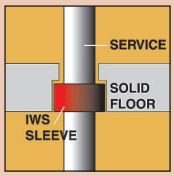
Finally, push the wrap into the opening until it is level with the surface.

ORDERING REFERENCES

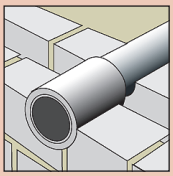
For Cables, Pipes and Trunking		
Reference	Internal Diameter	External Diameter
IWS 18	18mm	26mm
IWS 25	25mm	30mm
IWS 33	33mm	45mm
IWS 40	40mm	50mm
IWS 50	50mm	59mm
IWS 55	55mm	65mm
IWS 60	60mm	75mm
IWS 83	83mm	97mm
IWS 90	90mm	105mm
IWS 100	100mm	116mm
IWS 115	115mm	131mm
IWS 150	150mm	170mm
IWS 165	165mm	189mm
IWS 215	215mm	265mm



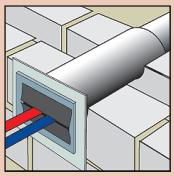
SOLID FIXING



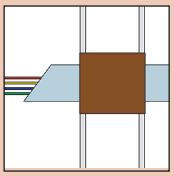
Product 110 shown in a concrete floor construction.



For walls classed as a risk on one side only, cut the sleeve to size and place on risk side.

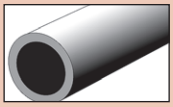


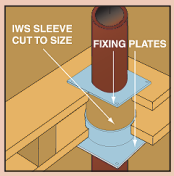
IWS sleeves can be fitted through walls for protection from both sides. Sleeves for cables require a protective insert (IWS/C) to prevent puncture. Smoke seal plates are also available.



A square sleeve can be supplied for cable trunking protection.

HOLLOW FIXING





Fixing plates must be used in wooden floors.

The IWS sleeves can be fitted through hollow plasterboard walls. Sleeves used for cables require a protective insert (IWS/C) to prevent puncture.

Ventilation Ducting		Plastic Electrical Trunking	
Reference	Size (mm)	Reference	Size (mm)
110V/15	110 x 54	110T/11	25 x 25
110V/26	204 x 60	110T/22	50 x 50
I110V/29	220 x 90	110T/33	75 x 75
110V/22	234 x 29	110T/32	75 x 50
110V/32	308 x 29	110T/42	100 x 50
110V/67	692 x 70	110T/43	100x75
		110T/44	100 x 100

Both types are available in 100mm, 150mm, 200mm, and 500mm lengths.

Telephone 01223 839727 • Fax 01223 837487 • E-mail sales@firewise.co.uk • Website www.firewise.co.uk