

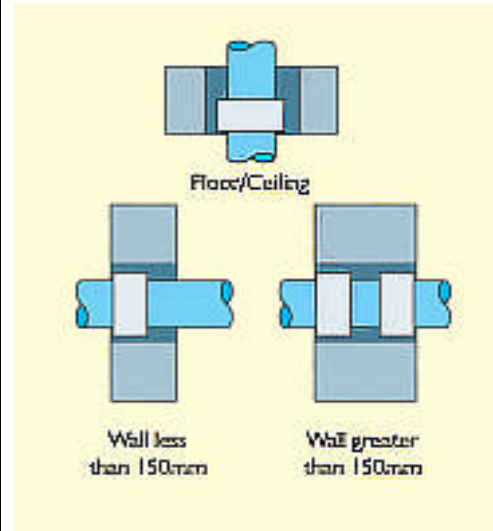
Firebreak Pipe Wraps

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| <p>DESCRIPTION</p> | <p>Firebreak Pipe Wraps are a range flexible devices designed to be fitted around plastic pipes within the depth of the fire separating wall or floor construction. Under fire conditions the intumescent material within the Wrap expands to crush the softening pipe and fill the resultant opening, thereby maintaining the fire integrity and insulation performance of the floor or wall.</p> |
| <p>APPLICATIONS</p> | <ul style="list-style-type: none"> • Plastic pipes penetrating fire separating walls • Plastic pipes penetrating fire separating floors |
| <p>CHARACTERISTICS AND FEATURES</p> | <p>Firebreak Pipe Wraps consist of an easy to fix plastic sleeve containing a tough flexible intumescent sheet material and offering either 120 or 240 minutes fire resistance. Features include:</p> <ul style="list-style-type: none"> • Separate seal ranges offering 120 or 240 Minutes Fire Resistance • Independently fire tested and assessed to the requirements of BS 476 : Part 20 : 1987 and additional guidelines from prEN 1366-4 and to other International Standards • Fire tested in both horizontal and vertical orientations • Manufactured to the requirements of BS EN ISO 900 • Quick and Easy to fix with self-adhesive closing • 'Hidden' fixing within the depth of the floor or wall construction • Fast acting intumescent action • Intumescent material unaffected by moisture or CO₂ • Can be used in conjunction with other Firebreak fire seal materials [i.e. Firebreak Compound] |
| <p>LIMITATIONS</p> | <p>It is the user's responsibility to determine suitability of use.</p> |
| <p>SAFETY</p> | <p>According to 91/155/EEC Revision No.1.</p> |

SEAL LOCATIONS

1. In the case of **Floor** penetrations a single **Firebreak Pipe Wrap** should be positioned within the depth of the floor slab with the lower edge of the Wrap recessed a maximum of 10mm from the under surface of the slab.

2. In the case of **Wall** penetrations of maximum wall thickness 150mm, a single **Firebreak Pipe Wrap** should be positioned within the depth of the opening. Where the wall thickness is greater than 150mm, **Firebreak Pipe Wraps** should be fitted on both sides of the separating structure unless the direction is known in which case a single Collar may be positioned on the fire side only. Again, the exposed edge of the seal should be recessed a maximum of 10mm from the surface of the wall.



PRODUCT CODES AND WRAP DIMENSIONS

120 MINUTES FIRE RESISTANCE

| Product Code | Pipe Outside Diameter (mm) | Wrap Length (mm) | Minimum Diameter of Hole in Wall or Floor (mm) |
|--------------|----------------------------|------------------|------------------------------------------------|
| W55EI - 120 | 55 | 175 | 70 |
| W82EI - 120 | 82 | 260 | 98 |
| W110EI - 120 | 110 | 350 | 130 |
| W160EI - 120 | 160 | 505 | 190 |

240 MINUTES FIRE RESISTANCE

| Product Code | Pipe Outside Diameter (mm) | Wrap Length (mm) | Minimum Diameter of Hole in Wall or Floor (mm) |
|--------------|----------------------------|------------------|------------------------------------------------|
| W55EI - 240 | 55 | 175 | 70 |
| W82EI - 240 | 82 | 260 | 98 |
| W110EI - 240 | 110 | 350 | 130 |
| W160EI - 240 | 160 | 505 | 190 |

INSTALLATION INSTRUCTIONS

1. The substrate around the pipe should be of solid construction. The opening in the floor or wall around the pipe should be of the correct minimum size (see Table).

N.B. Where the hole is larger than specified, the area around the Wrap and pipe should be filled once the Wrap(s) has been fitted using **Firebreak Compound**

2. Fix the Wrap around the pipe using the adhesive tab and slide along pipe into wall/floor opening to the correct position (see 1. & 2.).

3. Attach the self-adhesive identification label provided to the pipe to show a **Firebreak Pipe Wrap** has been correctly fitted.

Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Ltd can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.



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