**GENERAL PRODUCT DESCRIPTION**

AIS FR Pipe Wrap FP 807 is designed to maintain the fire resistance of fire separating walls and floors when these are breached by plastic pipes, conduits or metal pipes with continuous combustible insulation, and may be used in drywalls, masonry or concrete walls and concrete floors.

Each pipe wrap consists of a graphite based reactive intumescent strip, which reacts to heat and closes the opening left by the softening plastic pipe or pipe insulation in a fire. The pipe wrap is installed completely around the pipes or insulation and secured with the self-adhesive tab.

**PROPERTIES**

* For plastic pipe sizes from smallest pipes available to 400mm with a wide range of pipe wall thicknesses
* For pipes with continuous combustible pipe insulation
* For plastic pipes with cables (conduits)
* Pipe wraps comes in two different types; ready made for most common diameters and in 25 metre rolls for all diameters
* Fire classifications up to 240 minutes for both integrity and insulation
* Certified for PVC-U, PVC-C, PE, LDPE, MDPE, HDPE, ABS, SAN+PVC and PP pipes plus numerous composite pipes
* Tested and certified for U/U pipe end applications
* Classified for fire sealing in all types of constructions
* Excellent sound insulation
* No emissions - environmentally and user friendly
* Unlimited storage time (under correct conditions)
* 25 years working life guarantee

**SOUND INSULATION**

|  |  |
| --- | --- |
| Description | Sound Reduction |
| Pipe Wraps installed in AIS FR Board | Rw 52 dB |
| Pipe Wraps installed in AIS FR Mortar | Rw 48 dB |

**TECHNICAL SPECIFICATION**

|  |  |
| --- | --- |
| Durability & life | Same as the product it is installed within; AIS FR Board or AIS FR Mortar |
| Installation | Refer to Installation Instructions for AIS FR Board and AIS FR Mortar |
| Conditioning procedure | EN 13238:2010 |
| Expansion ratio | 28:1 |
| Expansion pressure | 55 N |
| Colour | Anthracite |
| Graphite weight/density | 1.3 kg/m2 per mm thickness / 1300 kg/m3 |
| Normal expansion time | Less than 10 minutes |
| Minimum expansion temp. | 150 °C |
| Storage | Store in temperatures between 5 °C and 30 °C |