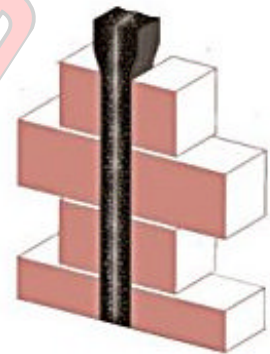


Acoustic / Intumescent Expansion Joint Seal.

- BS476: Part 20
- PR EN1336-4
- Up to 4 hours fire resistance
- Weather proof & water resistant
- Suits internal/external applications
- Cost effective to install
- Performance temperature between -30 to +130°C



Description

The sub-division of compartments in a building - if effectively fire stopped - will prevent the spread of fire and smoke through fire resisting and separating elements. All expansion and movement joints in a fire separating wall and floor must be fire stopped with a proprietary material that will accommodate the require movement whilst providing the necessary degree of fire integrity.

The PyroJoint Intumescent Expansion Joint Seal is manufactured using various thickness of flame retardant open cellular foam, fire rated to achieve Class 1 and Class 0 when tested to BS476 Part 20. Expandable graphite based intumescent is factory sprayed onto both sides of the foam, forming a compressible fire resistant joint filler which is resistant to moisture attack.

The graphite based material starts to intumesce around 115 ° C on the fire side of the joint whilst the fire rated foam gradually compresses allowing the expanding mass of intumescent graphite to totally seal the opening.

This carbonaceous char formed by the graphite will prevent the spread of fire through the joint thus ensuring the integrity of the compartment wall/floor is maintained.

Areas of Use

- Between steelwork and blockwork where deflection and movement could occur
- In movement joints with blockwork walls and floors.
- Top of wallhead to the underside of the floor - although gaps could be uneven PyroJoint Intumescent Expansion Joint Seal is extremely compressible and should accommodate any irregularities.
- Around mechanical services such as pipes and ductworks etc.
- Expansion Joint is an extremely versatile filler material.

Installation

Installation is easily effected by compressing the pre cut PyroJoint Intumescent Expansion Joint Seal and inserting into the joint and releasing. A minimum compression of 15% per thickness of material is recommended to ensure a rigid friction fit although it can be compressed to 50%.

Supplied in 1m lengths that can easily be butted together. Cutting can be done with a fine toothed hacksaw making sure that the ends are cut square.

If you have very rough concrete joints then we can supply a slightly different intumescent strip material which is designated 'FR-L'.

Gap Width	Product Reference for gap size in relation to fire resistance.	
	FR 60 Mins	FR 120 Mins
10mm	PyroJoint 10/60FR	PyroJoint 10/120FR
20mm	PyroJoint 20/60FR	PyroJoint 20/120FR
30mm	PyroJoint 30/60FR	PyroJoint 30/120FR
40mm	PyroJoint 40/60FR	PyroJoint 40/120FR
50mm	PyroJoint 50/60FR	PyroJoint 50/120FR
60mm	PyroJoint 60/60FR	PyroJoint 60/120FR
70mm	PyroJoint 70/60FR	PyroJoint 70/120FR
80mm	PyroJoint 80/60FR	PyroJoint 80/120FR
90mm	PyroJoint 90/60FR	PyroJoint 90/120FR
100mm	PyroJoint 100/60FR	PyroJoint 100/120FR

All information contained in these details is given in good faith but without warranty.
 Custom Audio Designs reserves the right to alter the specifications of any product without notice.