

Intumescent Expansion Joint

Firestop solution for linear joints in walls and floors

As part of the comprehensive Firepro range of fire protection products, Intumescent Expansion Joint provides an easy retro-fit solution to firestop existing construction joints up to 75mm thick in floors and walls. Tested to BS476 Part 20, Intumescent Expansion Joint provides up to 4 hours fire protection.

Advantages

- Simple to install
- Water resistant
- Maintenance free
- Available in small quantities
- Available from 48 hours of order

Description

Intumescent Expansion Joint is a compressible strip formed by shrink wrapping a graphite based intumescent polymer to both faces of a Rockwool core.

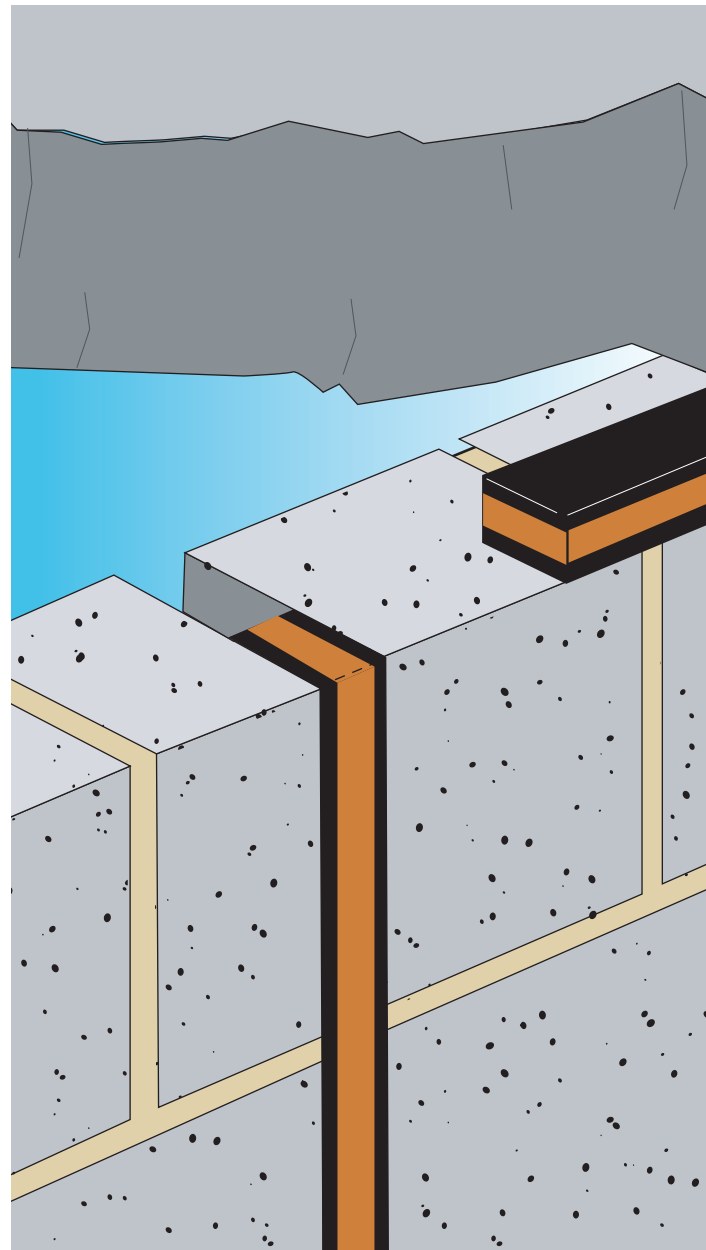
Intumescent Expansion Joint is supplied in one metre lengths to suit the joint to be filled. The width of the product is dependent on the fire rating required. (See Fire Rating)

Intumescent Expansion Joint is simply compressed by hand and is then pushed into the space. Adjacent pieces of the product are simply butted together. There is no need to use any adhesives or intumescent sealant in conjunction with the product.

In a fire, the graphite based intumescent material swells to form a hard char, which prevents the passage of fire and smoke through the joint.

Intumescent Expansion Joint is suitable for use in:

- Blockwork cavities
- Curtain wall/Concrete slab interfaces
- Expansion joints
- Structural joints



Intumescent Expansion Joint is used to seal pre-formed construction joints in fire walls

Performance and properties

Fire Rating

Joint Size (mm)	Product Size T × W	Fire Rating	Seal
15 – 30	32 × 25	2 hours	Dual
	32 × 50	4 hours	Dual
31 – 50	52 × 50	4 hours	Dual
51 – 75	78 × 50	4 hours	Dual

Intumescent Expansion Joint being a component of structure satisfies both integrity and insulation requirements as shown in the table above.

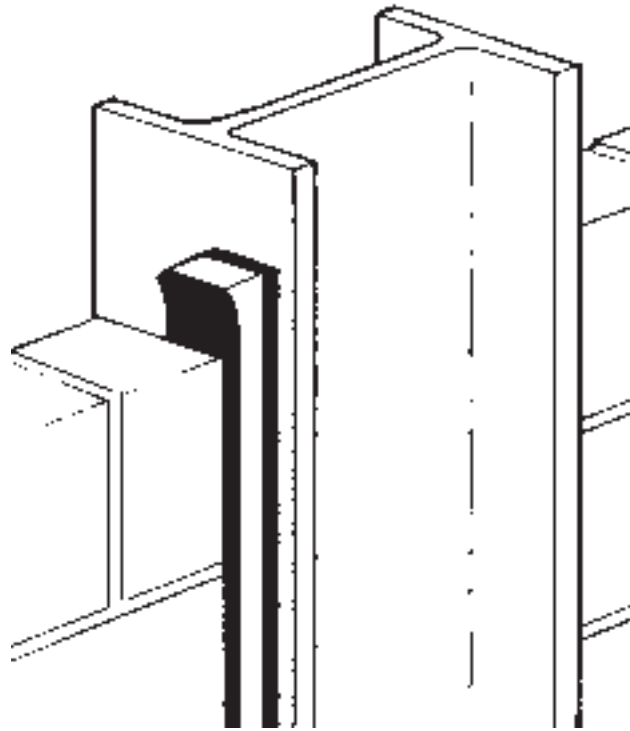
Specification

Install Intumescent Expansion Joint to provide up to 4 hours fire rating to all construction joints up to 75mm thick. Installation to be fully in accordance with manufacturer's instructions .

Installation Instructions

Intumescent Expansion Joint is used to prevent fire penetration through movement joints and gaps in walls and concrete floors for a specified period up to 4 hours. They are manufactured oversize to fit under compression.

1. Remove all loose debris and compound from the gap
2. Ensure correct width is installed to suit the required Fire Rating
3. Where the gap varies in the length to be sealed, ensure that the correct thickness is installed under compression
4. Do NOT remove sleeving
5. Keep material dry and protect from impact damage
6. Compress and insert the strip into the gap ensuring tight butt joints



Availability

Available from a wide range of stockists. Contact the Rockwool Customer Services Department for details.



Building Regulations 2000 – Approved Document B – B2/3/4 – Internal fire spread (structure), paragraphs 0.10 – 0.11, state that the spread of fire inside a building can be restricted, by provisions for elements of structure to have a specified minimum period of fire resistance. Fire resistance is defined in terms of both integrity and insulation requirements when applied to fire separating elements.

WILHAMS

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