

Intumescent Expansion Joint Seals

Trade Name: ASTRO EJ 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

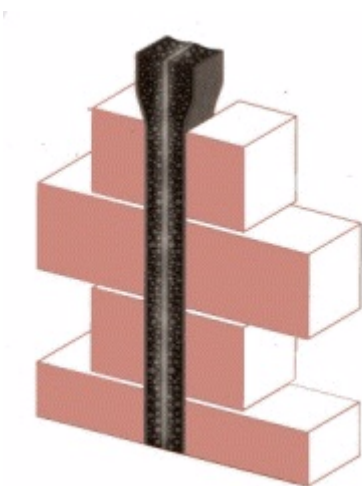
Performance temperature between -30 to +130°C

Available in a wide range of sizes up to 150mm

Certifire Approved

Acoustic Rated

Suitable for cable trunkings



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 ASTROflame 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 laminated 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 ASTROflame Intumescent Expansion Joint Seal Is Extremely Compressible And Should Accommodate Any Irregularities.
- Expansion Joint Is An Extremely Versatile Filler Material.

Availability

Gap Width	Dimension of Seal	Integrity	Product Ref
up to 10mm	12mmx12mm	120 min	AFEJ10/120
11mm to 20mm	29mmx12mm	120 min	AFEJ20/120
21mm to 25mm	32mmx20mm	120 min	AFEJ25/120
26mm to 35mm	53mmx20mm	120 min	AFEJ35/120
36mm to 50mm	64mmx35mm	120 min	AFEJ50/120
50mm to 60mm	85mmx40mm	120 min	AFEJ60/120
61mm to 75mm	90mmx50mm	120 min	AFEJ75/120
76mm to 100mm	126mmx100mm	120 min	AFEJ100/120
101mm to 120mm	147mmx125mm	120 min	AFEJ120/120
121mm to 150mm	170mmx100mm	120 min	AFEJ150/120
up to 10mm	12mmx25mm	240min	AFEJ10/240
11mm to 20mm	29mmx25mm	240min	AFEJ20/240
21mm to 25mm	32mmx30mm	240min	AFEJ25/240
26mm to 35mm	53mmx30mm	240min	AFEJ35/240
36mm to 50mm	64mmx50mm	240min	AFEJ50/240
51mm to 75mm	85mmx75mm	240min	AFEJ75/240
76mm to 100mm	126mmx125mm	240min	AFEJ100/240
101mm to 125mm	147mmx125mm	240min	AFEJ125/240
126mm to 150mm	170mmx125mm	240min	AFEJ150/240

Ordering Example: To specify for a gap width of of 20mm with a 120 minute resistance order EJS20/120. When ordering please state product reference and number of metre lengths required. Supplied by the metre.

Packing

Sold individually.

To Order & Specify

To order or specify: Quantity / Trade name / Product Ref / Size (Width in mm) / Fire Rating.

Typical wording: 20 / ASTRO EJ SEAL / EJS 20/120 / 20mm / 2 HOUR

Fire Test Or Assessment Report

Certifire Approved

Health And Safety

The product does not present any known health hazards during or after installation. Normal good industrial and personal hygiene practises should be observed.

Installation

Installation is easily effected by compressing the pre cut ASTROflame 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.

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