

Soltex Expansion Joint Foam

Description:

Soltex Wxpansion Joint Foam is a low density expansion and movement joint filler which is suitable for use in brickwork and blockwork due to their low compressive strengths. Soltex Expansion Joint Foam is also suitable for expansion and isolation joints in concrete slab construction. Soltex Expansion Joint Foam is a white coloured, closed cell, non-crosslinked, polyethylene, low resistance joint filler, for use in brick and blockwork. It fully meets the specification of BS5628 Pt 3: 2001 Section 5.4.3 – Code of Practice for use of masonry.

Soltex Expansion Joint Foam is ozone, oil, and weather resistant, and has very low water absorption properties of <1% by volume. When Soltex is used as a joint filler, there is no need for any additional bond breaker. When using Soltex as a joint filler the size/width of the joint should generally be double the expected total movement, allowing for the compressibility of both the filler and the mastic.



- Suitable for use in brick and blockwork.
- Low water absorption.
- Meets BS & DOT Specifications.
- Rot Proof and CFC Free.

Features and Benefits:

- Light, clean, and easy to store and handle.
- Closed cell construction stops the absorption of water.
- Ideal movement joint filler for blockwork or brickwork.
- Easy and quick to cut on-site.
- Excellent recovery after compression.
- Weather, alkali, and acid resistant.
- Low load transfer.
- Can be supplied in any cut size.
- Available in 10, 12, 15, 20, & 25mm thickness as standard.
- Available in strip or sheet format.
- Can be split or heat laminated between 1mm & 500mm.

Available Sizes

Thickness (mm)	Length (m)
10 / 12 / 15	10m Strips
20 / 25	10m Strips
10 / 12 / 15 / 20 / 25	2m x 1.2m Sheet

Technical Data:

Property	ISO Standard	Value
Thermal Conductivity	ASTM C177	0.055 W/mK
Tear Resistance	DIN 53575	17 N/cm
Elongation at Break	ISO - 1798	52%
Water Absorbtion (24 hours)	DIN 53428	2% Volume
Density	ISO - 845	28% kg/m ³ (Average)
Tensile Strength	ISO - 1798	150 kPa
Compression Set (22hr charge, 23°C, Deflection 50%, ½hr recovery)	ASTM D3575-08	10%
Compressive Strength	DIN 53577	25% - 0.028 N/mm ² 50% - 0.083 N/mm ² 75% - 0.200 N/mm ²

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