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SOLTEX 600 & 600HPE Expanding Joint Sealant Tape



Description

Soltex 600

Is manufactured using an open cell polyurethane foam heavily impregnated with acrylics creating flame retardant properties. Under high compression the product will create a weather-proof seal, under low compression the product is suitable for draught sealing.

Soltex 600 is recommended for use in more extreme weather applications (tested to DIN 52453 Watertight Against Driving Rain) and is fully resistant to UV. The product is supplied in rolls, pre-compressed to approximately 85%.

Soltex 600 is supplied as a pre-compressed roll, with one side being self adhesive to assist with initial positioning. Available in a number of different widths and thicknesses. Used in the correct way, Soltex 600 is suitable for many different applications when used at the specific compression shown in the table.

Soltex 600HPE

This has been developed for the more demanding application, especially in timber frame construction, where movement within the structure has to be accommodated whilst ensuring that a weathertight seal remains constant.

The open cell nature of the product ensures good ventilation preventing moisture build up in the joint whilst still providing the thermal barrier and acoustic performance required.

As with the Soltex 600, HPE provides good stability to UV ageing and sealing against driving rain.

Benefits
<ul style="list-style-type: none"> • Quick installation and easy to apply • Improves energy efficiency in buildings • Expands to find its own level • Seals against uneven surfaces • Clean product (in comparison to silicones and mastics) • Accommodates joint movement • Allows ventilation of joint • Minimal wastage • Can be painted after installation

Applications
<ul style="list-style-type: none"> • Perimeter seals for windows and doors • Expansion joints • Side/end laps on roofing sheets • Joints for portable or sectional buildings • Abutment seals for conservatories • Acoustic seal • Timber buildings • Ductwork

Soltex 600 & 600HPE Installation Guide	
Application	Compression
Soundproofing and anti-vibration	10%
Thermal insulation and dust particle insulation.	50% (min)
Water resistance	75%



Technical Specification

Material	Polyurethane cellular foam, impregnated with a flame retardant acrylic resin.
Building Classification	Class 1 according to NF P85-570, BG1 according to DIN 18 542
Fire Resistance	B1, self-extinguishing.
Watertight Against Driving Rain	600 pa min, Independently tested by AMPA Hanover.
Vapour Resistivity (DIN 18542)	$\mu < 10$
Tensile Strength (ISO 1798)	>170 kPa
Elongation at breaking (ISO 1798)	>250%
Compatibility	Will cause no corrosion with iron, steel, zinc coated sheet, aluminium or copper Will not corrode PVC, glazing, wood, concrete or tiles

Soltex 600 Product Selector

Gap to be filled (mm)	Coil Width (mm)	Expansion Thickness (mm)	Metres Per Coil (m)	Product Reference
1-3	10	9	12.5	600 10 1-3
2-4	10	14	10	600 10 2-4
2-4	15	14	10	600 15 2-4
3-7	10	17	8	600 10 3-7
3-7	15	17	8	600 15 3-7
3-7	20	17	8	600 20 3-7
3-7	25	17	8	600 25 3-7
5-10	15	26	5.6	600 15 5-10
5-10	20	26	5.6	600 20 5-10
5-10	25	26	5.6	600 25 5-10
7-12	15	33	4.3	600 15 7-12
7-12	20	33	4.3	600 20 7-12
8-15	20	44	3.3	600 20 8-15
8-15	30	44	3.3	600 30 8-15
10-18	20	53	3.0	600 20 10-18
10-18	25	53	3.0	600 25 10-18
10-18	30	53	3.0	600 30 10-18

Soltex 600HPE Product Selector

Gap to be filled (mm)	Coil Width (mm)	Expansion Thickness (mm)	Meters Per Coil (m)	Product Reference
13 - 24	20	72	2.0	HPE 20 13-24
13 - 24	25	72	2.0	HPE 25 13-24
13 - 24	30	72	2.0	HPE 30 13-24
13 - 24	40	72	2.0	HPE 40 13-24
24 - 40	40	123	2.0	HPE 40 24-40

