

Product Description

Cortex Expanding Foam Tape is manufactured using an open cell polyurethane foam heavily impregnated with acrylics creating flame retardant properties. Under high compression the product will create a weatherproof seal, under low compression the product is suitable for draught sealing. It 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%.

Applications

- 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
- Sealing roof lights
- Installation of solar panels
- Caravan and mobile home manufacture

Benefits

- Quick installation
- 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
- Easy to quantify usage
- Minimal wastage
- Can be painted after installation

Technical Data

Material	Polyurethane cellular foam, impregnated with a flame retardant acrylic resin.
Building Classification	Class 1 according to NF P85-570, BG1 according to DIN 18542 (P-NDS04-479)
Fire Resistance	B1, self-extinguishing
Watertight Against Driving Rain DIN 52453	600 p _a minimum. Independently tested by AMPA Hanover
Vapour Resistivity DIN 18542	$\mu < 10$
Tensile Strength ISO 1798	>170kPa
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

Technical Data

	Weather & Airtight Range	Width	Length	Total Expansion
10/1-3 x 12.5	1-3mm	10mm	12.5m	9mm
15/1-3 x 12.5	1-3mm	15mm	12.5m	9mm
10/2-5 x 10	2-5mm	10mm	10m	13mm
15/2-5 x 10	2-5mm	15mm	10m	13mm
20/2-5 x 10	2-5mm	20mm	10m	13mm
10/3-7 x 8	3-7mm	10mm	8m	17mm
15/3-7 x 8	3-7mm	15mm	8m	17mm
20/3-7 x 8	3-7mm	20mm	8m	17mm
25/3-7 x 8	3-7mm	25mm	8m	17mm
15/5-10 x 5.6	5-10mm	15mm	5.6m	26mm
20/5-10 x 5.6	5-10mm	20mm	5.6m	26mm
25/5-10 x 5.6	5-10mm	25mm	5.6m	26mm
15/7-12 x 4.3	7-12mm	15mm	4.3m	35mm
20/7-12 x 4.3	7-12mm	20mm	4.3m	35mm
25/7-12 x 4.3	7-12mm	25mm	4.3m	35mm
20/8-15 x 3.3	8-15mm	20mm	3.3m	44mm
25/8-15 x 3.3	8-15mm	25mm	3.3m	44mm
30/8-15 x 3.3	8-15mm	30mm	3.3m	44mm
20/10-18 x 3	10-18mm	20mm	3m	53mm
25/10-18 x 3	10-18mm	25mm	3m	53mm
30/10-18 x 3	10-18mm	30mm	3m	53mm
30/13-24 x 2	13-24mm	30mm	2m	72mm
40/13-24 x 2	13-24mm	40mm	2m	72mm
40/24-40 x 2	24-40mm	40mm	2m	123mm