

## FutureFlex™... paving your path to the future.

**FutureFlex™** is a compressible, flexible, closed-cell polyethylene joint filler supplied in 25m coils of 10mm thickness and 12.5m – 15m of 20mm thickness.

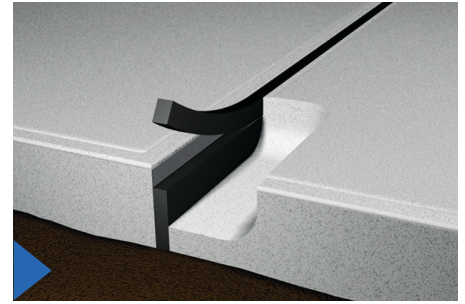
**FutureFlex™** is available in roll form of 75mm, 100mm, 125mm, 150mm, 200mm, 250mm and 300mm high; custom heights are also available to assist in forming a slot to accept joint sealants.

The **FutureFlex™** range of expansion foam comes with both adhesive and non-adhesive backing. A 10mm high perforated edge (zip) allows for easy removal of top edge once installed thus allowing for backing rod and corking.



## FutureFlex™ ADVANTAGES

- › Non-absorbent
- › Compressible
- › Free of CFC
- › Easily cut at any site to any length
- › Recovers to original form after compression
- › Futureproof – Won't rot
- › Ensures concrete pavement remains structurally integral into the future



## FutureFlex™ APPLICATIONS

- › Concrete footpaths, pavements and roads
- › All concrete excluding / retaining structures
- › Below ground cellars, tunnels, or basements
- › Brick and block work
- › Grounded / suspended concrete slabs



## FutureFlex™ Expansion Foam Physical Properties For 25kg/M<sup>3</sup> Density

PROPERTY	TYPICAL VALUE	TEST METHOD
Density	25 kg/m <sup>3</sup> (nominal)	Internal
Tensile Strength	3.3 kg/cm <sup>2</sup> (longitudinal) 1.8 kg/cm <sup>2</sup> (crosswise)	JIS K6767
Elongation	240% (longitudinal) 140% (crosswise)	JIS K6767
Tear Strength	2.0 kg/cm (longitudinal) 1.3 kg/cm (crosswise)	JIS K6767
Compression Strength	0.30 kg/cm <sup>2</sup> @ 25% deflection 0.85 kg/cm <sup>2</sup> @ 50% deflection	Internal
Hot Sealant Penetration	Zero	RTA T1154
Extrusion during Compression	1.3 mm	ASTM D545
Recovery after Compression	100% after 10 minutes	ASTM D545
Water Absorption	0.09 mg/cm <sup>2</sup>	JIS K6767
Water Vapour Permeability	5.7 x 10 <sup>-14</sup> kg/s.m.Pa	ASTM E96