



ORMONOID

EST. 1912

ABELFLEX RIGID

A closed cell, cross-linked, 100% polyethylene foam expansion joint and space filler strip. Ormonoid Abelflex Rigid is compressible, even under light loads, and has excellent recovery properties



FEATURES AND BENEFITS

- Non-absorbent and impervious to fluids
- Specially designed as an expansion joint filler subject to heavy loads
- Can easily be bonded to existing concrete with construction adhesive
- Readily compressible, sealing gaps quickly and effectively against dust and water entry
- Non-bleeding and resistant to fungi and insect attack (approved to AS2170) therefore ideal for use in food contact applications
- Being a closed cell polyethylene foam, Abelflex Rigid is resistant to most chemicals
- Compatible with most construction joint sealants
- Clean and easy to transport
- Easy to cut on site using a sharp knife
- Available in plain or with tear off strip

PACKAGING

Thickness: 10mm

Length: 2.4m

Widths: 75 or 100mm

USES

- Ideal as a gap filler and bond breaker for floor and wall expansion joints, filling systems for roads, motorways, bridges, walls and automotive applications
- Can be used as a backup filler for most liquid sealants
- Primary functions are to stop contaminants, such as soil, entering into expansion slots and joints
- In joints where polystyrene or bitumen impregnated fillers have been used, Abelflex Rigid is ideal as a bond breaker. This is often necessary because of the sealant incompatibility with these forms of fillers

PRODUCT INFORMATION

Shelf Life

When stored in dry conditions this product has an unlimited shelf life



MADE IN AUSTRALIA



DIRECTIONS FOR USE

APPLICATION

1. Simply attach to concrete with adhesive like general purpose primer or bitumen paint or a caulking compound during erection of precast concrete slabs.
2. Insert into expansion joints, tearing off the zip to leave a well for taking the sealant or caulking compound such as butyl, polysulphide, polyurethane, acrylic and silicone sealants.
3. Zipping - slit through 90% of the thickness to a prescribed depth (standard 10mm) following curing.
4. The zip can readily be torn off, leaving a well to take the sealant or caulking compound.

TECHNICAL DATA

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Appearance	Dark grey foam
Thermal conductivity (JIS A 1413)	0.032 W/mk @ 20°C, 50-70% R.H.
Water absorption By volume	After 7 days – 0.7% After 7 days – 0.8%
Working temperature	-80°C to 90°C
Density at 25°C	0.03 gmm/CC
Tensile strength (DIN 53571)	Lengthwise – 4.1kPa/mm ² Crosswise – 3.0kPa/mm ²
Tear resistance (DIN 53571)	Lengthwise – 1.8kPa/cm Crosswise – 3.0kPa/mm ²
Pulsating compressive loads (DIN 53571)	0.23kg/cm ² Crosswise – 1.1kPa/cm
Chemical resistance to	Water Sea water & brine Soap and detergents Diluted acids Diluted detergents Alcohol Fungi



Quality
ISO 9001
SAI GLOBAL

ParexGroup products manufactured in Australia are produced in accordance with quality management systems certified as complying with AS/NZS ISO 9001:2008.

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The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. All workmanship must be carried out in accordance with AS 3958.1 - 1991.

The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.

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