

Technical Data Sheet

Everflex JS

High Performance Joint Sealer**Low modulus Elastomeric Exterior/Interior****Meets Spec. TT-S-00230C, Class A and ASTM Spec. 834**

Adheseal
The Adhesive and Sealant Specialists

Description

Everflex is a highly elastic *Hybrid Acrylic* joint sealant which has an exceptional resistance to weathering. It possesses exceptional adhesion to most building materials whilst still maintaining its superb elasticity through both hot and cold climates. Everflex has excellent non sagging properties and tools off to a very smooth surface.

Typical Uses

For sealing exterior and interior joints that are subject to movement. Windows and doors, precast panels, tilt up Construction, blockwork, brickwork, Timber, metal & many plastics including Acrylic and Polycarbonate.

Advantages

- Excellent weathering ability
- Excellent slump resistance
- Superior adhesion (no priming)
- Superior elasticity (low modulus)
- Non-staining
- Non toxic
- Non hazardous
- No isocyanates
- Paintable

Application

All joints should be filled to the required depth with *Adhefoam* backer rod or bond breaker tape prior to the sealant application. Tool off straight away using a spatula to a *flat, not concave* finish.

Joint Preparation

Surfaces must be clean, sound, free from dirt, grease laitance, loose particles or other contaminants.

Priming

Priming is not normally required for most substrates however for suspect surfaces adhesion testing is recommended.

Joint Design

Good building practice should allow for +-25% movement of original joint width although Everflex is capable of +-50%. Recommended minimum depth of sealant is 6mm & a maximum of 10mm no matter how wide the joint width is. There is no maximum joint width. On very wide joints testing is recommended to ensure sagging does not occur. Do not place joints any deeper than Ratio 2:1.

Backer Rod

Where required use Adhefoam open cell backer rod. Closed cell backer rod is also suitable but care must be taken not to damage the outer skin of the rod as this can cause gassing (bubbles) in the sealant. When the depth of the joint does not allow for backer rod a bond breaker tape is required to prevent three sided adhesion.

Fire Rated Joints

Joints can be fire rated by using Fire-Foam backer rod as recommended in the Fire-Foam data sheet.

Precautions

Everflex should not be used when rain is evident within 90 minutes of application as Everflex is a water based sealant and rain may cause washouts if insufficient curing has occurred for skin to form. Care should be taken to ensure that the backer rod cannot absorb water before the sealant has time to cure. It is necessary to have the top of the joint capped where rain is likely to be able to soak into the backing rod.

Type of Product	Hybrid Acrylic
Low Temp Flexibility	(ASTM C-734) No cracking or adhesion loss
Density (specific gravity)	1.06
Elongation	100%
Service Temperature	-18°C to 80°C
Movement Capability	+ or – 50%
UV Accelerated Weathering	(ASTM C-732) No cracking or adhesion loss
VOC	32gm/lt (Californian South Coast Air Quality Management Rule 1168)
Shelf life	Minimum of 12 months when stored between 5°C & 32°C in unopened
Clean up	Uncured sealant may be removed with clean water
Colours	Grey

Safety

This product is not classified as hazardous according to Work safe Australia however skin irritation and sensitisation may occur in sensitive individuals. Please consult M.S.D.S. for this product for further information.

**NON TOXIC & NON HAZARDOUS
HMIS HAZARD RATING**

Hazard warning (0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

Health.....1
Flammability.....1
Reactivity.....0

Guarantee / Warranty

We warrant our products to be free of defects and manufactured to rigid quality control specification. As it is impossible to control the use and application of the products, the company's liability is limited to replacing such quantities of product as are proven to be defective. The company disclaims any claims for repainting or other labour resulting from the use of the product. No responsibility is assumed for consequential damages arising from the use of the product. All other warranties including (merchantability or fitness for a particular purpose) are excluded. No representative of the company is authorised to grant any warranty or waive this limitation of liability. All claims concerning product defects must be made within twelve months of shipment. Absence of such claim in writing during this period will constitute a waiver of all such claims with respect to such product.

Adequate Tests

The information contained in this bulletin we believe is correct to the best of our knowledge and tests. The recommendation and suggestion contained herein are made without guarantee or representation as to the results. We recommend that adequate tests be made in your laboratory or plant to determine if this product meets all your requirements.