

Adheseal

Technical Data Sheet:

Everflex 250JS

Acrylic Construction Joint Sealant for movement joints

Paintable Elastomeric Exterior / Interior

Description

Everflex 250JS is especially formulated to provide good weather resistance and flexibility in joints and gaps where rigid fillers would crack and fall out. It has good flexibility (+-25%)

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, plasterboard and as an acoustic perimeter sealant. General cracks and gaps around construction sites.

Advantages:

GOOD WEATHERING ABILITY

EXCELLENT SLUMP RESISTANCE

NON-STAINING

NON TOXIC

NON HAZARDOUS

NO ISOCYANATES

PAINTABLE

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. 2:1 ratio

Backer Rod:

Where required use Adherod 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.

Properties:

Product Type:	Acrylic
Colour	Grey
Specific Gravity:	1.5
Solids	80%
Movement Capability	+ or- 25%
Skin time	20 minutes
Paint over	60 minutes
Service Temperature	-5°C to 90°C

Application:

All joints should be filled to the required depth with *Adherod* backer rod or bond breaker tape prior to the sealant application. Tool off straight away using a spatula. Clean off excess with a damp cloth. Allow to skin before painting. (approx 30 minutes)

Joint Preparation:

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

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.

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Limitations:

Not suitable for Horizontal Joints that may be subject water before the sealant has sufficient time to cure. Not suitable for use where the joint will be totally submerged in water for prolonged periods of time. i.e. water retaining Everflex 250JS leaves an hour glass effect when cured and is not suitable where the joint is required to finish flush. If this is the case a second application of Everflex may be necessary after the first application has cured. Not suitable for pavement joints that may be subject to mechanical damage. i.e. high heeled shoes etc.

Cleaning:

Uncured sealant may be removed with clean water.

Shelf life:

Minimum of 12 months when stored between 5°C & 32°C in unopened containers.

Safety:

NON TOXIC & NON HAZARDOUS

HMIS HAZARD RATING

HAZARD WARNING	0 = MINIMAL
HEALTH.....1	1 = SLIGHT
FLAMMABILITY.....1	2 = MODERATE
REACTIVITY.....0	3 = SERIOUS
	4 = SEVERE

Guarantee/Warranty:

We warrant our products to be free of defects and manufactured to rigid quality control specifications. 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 claims in writing during this period will constitute a waiver of all 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 recommendations and suggestions 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.