

Technical Data Sheet

Everflex 240PU

Structural Elastomeric Polyurethane Adhesive / Sealant

Description:

Everflex 240PU is high viscosity moisture curing polyurethane construction adhesive sealant. Everflex 240PU is tough durable and has good mechanical and abrasion resistance.

Uses:

Perimeter sealing of windows, Curtain Walls, Masonry Joints, Expansion joints in precast / tilt up panels. Tile joints in walls & floors. Metal cladding, Pavement Joints, Carparks, Driveways. General Construction sealant. Adhesive for light weight components.

Everflex 240PU is specifically suited for structural bonding of construction materials especially where a high strength flexible bond is required. It is suitable for use in the fabrication of curtain walls, panels and facade and has good adhesion to most common construction materials such as glass, wood, aluminium, fibreglass and composite materials.

Advantages:

Flexible Structural Bond

Fast curing

Paintable

Tear resistant

Excellent green strength

Excellent adhesion to most common building materials

Surface Preparation:

Care must be taken to ensure the substrates are sound, clean and free from contamination. If necessary clean with Adheseal cleaning solvent or Adhesion promoter.

Priming:

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

When required apply the correct Everflex Primer and allow to dry. See Primer Selection Chart.

Application:

Joint sealing:

Care must be taken to ensure the substrates are sound, clean and free from contamination. If necessary clean with Adheseal cleaning solvent.

Extrude the sealant into the joint taking care to totally wet out the sided of the substrate and not to trap air in the joint. Then tool the sealant into the joint.

Bonding:

Be sure that surface preparation is thoroughly dry and solvent has totally evaporated off.

Using a hand or air gun apply the required bead of Everflex 240PU to the prepared substrate.

Place the component to be bonded firmly against the wet bead and apply pressure to ensure the required bond area is reached.

Tooling:

When tooling is required, dry tool immediately before the adhesive skins. Tooling time is a minimum of 10 minutes depending on temperature and humidity.

Minimum 9 months

Limitations:

Not suitable for long term water immersion.
Not suitable for internal swimming pool applications.

Colours:

White Grey Black

Other colours are available in batch quantities with extended lead times

Properties:

@ 23 °C & 65% RH

Working time	20min
Skinning Time	30min
Cure Time	4mm / 24 hrs
Application Temp	5 °C to 24 °C
Service Temp	-40 °C to +90 °C

Chemical Resistance
Excellent to water, detergent solutions, diluted acids & alkalis, petrol & oil for short periods.

Shore hardness (ISO 868)	35
Modulus (ISO 37)	0.8 MPa acc
Elongation at break (ISO 8339)	80% acc
UV -ray Resistance	good
Density	1.17

Packaging:

600ml Sausage	20 per carton
310ml Cartridge	12 per carton

Cleaning:

Uncured material can be removed using industrial strength solvent such as Xylol or mineral turps.

Shelf Life:

Safety:

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

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 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 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.