

# enviro seal PUR

## Engineered Polyurethane Joint Sealant



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### Description

Enviro Seal PUR is a high performance, multi purpose, neutral cure, elastomeric polyurethane joint sealant, which when cured, forms a waterproof seal.

### Advantages

- Excellent adhesion
- UV stable
- Excellent bi-axial flexibility
- Very low VOC content
- Non Staining
- Rapid skinning and fast cure
- Long term durability
- Excellent organic chemical resistance
- Low dirt pick up
- Paintable after cure

### Uses

Sealing joints less than 50mm in concrete panels, fibre cement sheets, block and brickwork, around window and door frames. Enviro Seal PUR is suitable for commercial and residential, internal and external applications.

### Physical Properties

Enviro Seal PUR is supplied as a ready-to-use 1-Part Polyurethane joint sealant.

• Skinning time	45 – 90 minutes	• Movement Accommodation Factor (MAF)	±25%
• Shore A hardness	30±5(ASTM C-661)	• Application temperature	+5°C - +80°C
• Elongation at break	100% (ISO 8339)		

### Application Directions

#### Substrate Preparation

The joint surface must be clean, and free from all loose particles, including dust, all laitance, grease coatings, curing compounds and any other foreign matter.

#### Priming

Excellent adhesion is achieved to suitably prepared substrates without the use of primers. However, for critical applications adhesion may be improved with the use of an approved primer. Contact Waterproofing Technologies for recommendations on approved primers.

#### Joint Application

Joint geometry should be 2:1(W:D). In all joints a bond breaker should be used, to allow maximum performance of the sealant. Enviro Seal PUR is to be applied using an appropriate caulking/sausage gun. Apply Enviro Seal PUR firmly into the joint, ensuring complete contact with all sides of the joint. Smooth the joint surface using a scraper coated with soapy water.

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## Application Directions (cont)

### Substrates

Enviro Seal PUR adheres to and is suitable for use over the following substrates:

- Concrete - Cured for min. 28 days
- Timber
- Fibre cement sheets
- Renders - Cured for min. 7 days
- Masonry substrates - Brick, blocks etc
- Aluminium

NOTE: Do not apply sealant to any concrete that has received artificial curing compounds, or to aluminium that may have been treated. Do not apply sealant where there is high humidity, or when rain is anticipated within 2 hours of application.

Not suitable for contact with bitumen or bituminous products.

\* Test oil based paints prior to application for suitability.

### Estimating Data (Theoretical)

The consumption of Enviro Seal PUR will depend upon the joint size. As a guide: One 600ml sausage of Enviro Seal PUR will fill approximately 12 lineal metres of a 10mm x 5mm joint.

### Packaging

Enviro Seal PUR is supplied in a 600 ml sausage, 20 sausages per carton.

### Cleaning

Enviro Seal PUR should be removed from all tools and equipment, prior to hardening with Enviro Thinners No. 1. Observe all OH&S and MSDS information pertaining to the safe usage and handling of solvents. Cured material can only be removed mechanically.

### Safety Advice

Enviro Seal PUR contents are flammable. Keep away from naked flame. In the event of fire extinguish with foam or CO<sub>2</sub>. Always provide adequate ventilation and wear appropriate Personal Protection Equipment (PPE) during use. Avoid breathing vapours. Avoid contact with skin. If swallowed, DO NOT induce vomiting, give glass of water and seek immediate medical advice. If contact with skin, wash off splashes of material with clean water and soap. If irritation occurs seek immediate medical advice. Refer to MSDS.

**KEEP OUT OF REACH OF CHILDREN.**



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### Statement of Responsibility

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### Note:

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