

Technical Data Sheet

## ***Emfimastic PU-25 sol***

### ***Self Leveling Polyurethane Joint Sealant***

Tested to AS/NZS 4020:2005 for use with potable water

Meets Spec. ASTM C-920 & SNJF Class 1 Elastomeric.

#### **Description:**

Emfimastic 25sol is a single component self leveling moisture curing polyurethane construction sealant. Emfimastic 25sol is tough durable and has good chemical resistance.

#### **Uses:**

Masonry Joints, Expansion joints Tile joints in w floors. Pavement Joints, Carparks, Driveways, Factory & Warehouse floors.

#### **Advantages:**

**Highly Flexible**

**Self Leveling**

**Fast curing**

**Paintable**

**Tear resistant**

**Excellent adhesion to most common building materials**

#### **Priming:**

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

When required apply the correct Primer and allow to dry.(It is highly recommended to prime floor joints). See Primer Selection Chart.

#### **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.

#### **Application:**

Fill the prepared joint completely taking care not to entrap air (entrapped air may cause bubbles in the sealant). Dry tool immediately before the sealant skins. Tooling time is a minimum of 10 minutes depending on temperature and humidity.

#### **Limitations:**

Not suitable for internal swimming pool applications.

#### **Colours:**

Grey

#### **Joint Preparation:**

Care must be taken to ensure the substrates are sound, clean and free from contamination. If necessary prime the substrate with the appropriate Primer for the substrate.

## 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.

## Properties:

Movement Capability	+/-25%
Tack Free Time	2hrs @ 23 <sup>o</sup> C & 60% RH
Cure Time	3mm / 24 hrs
Application Temp	5 <sup>o</sup> C to 40 <sup>o</sup> C
Service Temp	-30 <sup>o</sup> C to +90 <sup>o</sup> C
Chemical Resistance	Excellent to water, detergent solutions, diluted acids & alkalis, petrol & oil for short periods.
Shore A hardness	25
Specific Gravity	1.2

## Painting:

Emfimastic 25 is paintable with most commonly available paints. Testing is recommended. Emfimastic 25 must be fully cured before paint is applied. Failure to do this can result in retarding of the curing of the PU sealant and the paint topcoat resulting in a tacky surface

## Packaging:

600ml Sausage                      20 per carton

## Cleaning:

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

## Shelf Life:

Minimum 9 months

## 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.