



## EmO Seal PU 500

Heavy duty poly urethane joint sealant

### Uses

For sealing internal floor joints subject to heavy industrial use in factories, food processing areas, warehouses and maintenance facilities. Particularly suitable for sawn joints in long strip flooring and other large internal areas

### Advantages

- Solvent free, excellent for food processing and soft drink production facilities
- Excellent adhesion
- Cures under damp conditions
- Suitable for wide joints
- Self levelling to produce uniform joints
- Load bearing

### Description

EmO Seal PU 500 is a two component pouring grade, poly urethane joint sealant. The mixed sealant is self levelling and poured directly in to horizontal joints to form a tough resilient seal possessing flexibility.

### Properties

Movement Accommodation Factor - 12%

Cure time

Initial - 24 hrs @ 25<sup>0</sup>c

Final - 7 days @ 25<sup>0</sup>c

Specific Gravity - 1.2

Shore 'A' hardness - 70

Application Temperature - +10 to 40<sup>0</sup>c

Service Temperature - -5<sup>0</sup>c to 70<sup>0</sup>c

### Instruction for use

Joint surface must be free clean, dry and free from laitance dust or any other foreign matters.

### Priming

Priming is required for all the joints using EmO Prime GP – A solvent free epoxy primer.

### Mixing

The components of EmO Seal PU 500 are supplied in the correct mixing ratio. Add the entire contents of the hardener component in to the base container and mix together thoroughly for three minutes using a slow speed drill.

### Application

The mixed material can be poured directly from the mixing container. Pour into the prepared joint to the required level. It may be required to top up the level of the sealant after it has flowed into all joint irregularities.

### Cleaning

Clean tools immediately after use with ELMIERE SOLVENT NO: 1



### Limitations

EmO Seal PU 500 should not be used for vertical joints.

### Supply

EmO Seal PU 500	-	5 LTR
EmO Prime GP	-	5 LTR

### Storage

6 months in original unopened containers stored in cool dry conditions. At any time temperature should not exceed 25<sup>o</sup>c.

### Fire

EmO Seal PU 500 does not readily support flame. Store away from heat and sources of static charges. Do not smoke or use near naked flames. In the event of fire, extinguish with CO2 or form. Do not use a water jet.

### Health & Safety

#### Precautions

**EmO Seal PU 500** does not fall into the hazard classifications of current regulations. However, it should not be swallowed or allowed to come into contact with skin and eyes. Suitable protective gloves and goggles should be worn. Splashes on the skin should be removed with water. In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If swallowed seek medical attention immediately – do not induce vomiting. For further information refer to the Material Safety Data Sheet available for this product.

#### Important note

Elmrr endeavors to ensure that the technical information contained herein is true, accurate

and represents our best knowledge and experience. No warranty is given or implied, as Elmrr has no control over the conditions of use and the competence of any labor involved in the application are beyond our control.

As all Elmrr technical data sheets are updated on a regular basis it is the customer's responsibility to check that the product is suitable for the intended application, and that the actual conditions of use are in accordance with those recommended.

#### Manufactured By:

**Elmrr Chemicals  
(New Rusayl Heights)**

FACTORY & H.O  
P.O.BOX 176, PC 124,  
Rusayl Industrial Area,  
Sultanate of Oman  
Tel: +968 24446914  
Fax: +968 24446776

Email: [sales@elmrr.com](mailto:sales@elmrr.com)