

# EP 209

## Epoxy sealing compound



### Description

EP209 is two part epoxy compound, special designed for sealing the construction cracks, holes. It has good adhesion strength to almost all substrate, good mechanical, chemical strength. It will not sag even though in vertical surface.

### Recommended Application

It is intended to use as marble or wall brick install adhesive. It can also be the adhesive agent for wood, metal, plastic, concrete ...etc. Sealing compound for grouting processing, cracks and holes.

### **Base**

Resin and polyamide hardener

### APPEARANCE

#### **Color**

yellowish brown viscous liquid

#### **Finish**

Semi-gloss



### APPLICATION DATA

Figure209(1)

<b>Flash Point</b>	> 150°C
<b>Solid Content</b>	100%
<b>Mixing Ratio (Resin : Hardener)</b>	2 : 1 (by weight)  The recommended mixing ratio should be followed strictly. Improper mixing ratio may result in failure of the performance of the products.
<b>Specific gravity</b>	Part A: 1.14 Part B: 0.96
<b>Lowest Application Temp</b>	5°C
<b>Pot Life (at 25°C)</b>	60 mins at 25°C
<b>Curing Time</b>	Touch dry : 3 hour x 25°C Hard dry : 8 hours x 25°C / 1 hours x 80°C Full cured : 7 days  Curing time may be varied by temperature change. The lower the temperature exists, the longer the curing time needs.
<b>Overcoating Time</b>	8 hours
<b>Recommended Film Thickness</b>	depends on application

### **Loyal Enterprise Company**

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### **Packaging**

<b>Unit size</b>	<b>Part A</b>	<b>Part B</b>
3 Kg / set	2 Kg	1 Kg
6 Kg / set	4 Kg	2 Kg
30 Kg /set	20 Kg	10 Kg

### **Thinning/ Cleaning**

TH-500

Not recommended for thinning, because it will cause the solvent entrapping, and it effects the chemical resistance and its hardness. It is for cleaning purpose only.

### **Storage and handling**

Approx. 12 months in their original, unopened packages, and store under cover, out of direct sunlight and protect from temperatures at 5-30°C.

### **Application Method**

1. Surface treatment: The surface to be bonded should be dry, clean and sound.
2. Mix Part A and Part B according to the mixing ratio and then apply to the surface to be bonded.
3. Wait until it dry for 12 hours.
4. Add some quartz sand or cement for sealing cracks or filling hole for reducing cost.

### **Technical Data**

Shear Strength (mild steel – mild steel)                      180 kg/ cm<sup>2</sup>  
Volatile Organic Compounds (VOC)                              < 400 gm/ lit

### **Health and Safety**

The product above contains polyamide hardener and is harmful to eyes and skin. Use protective clothing and rubber gloves.

*The technical information and application advice given in this publication is based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to the suitability of a product for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by commonwealth or State legislation the owner, his representative or the contractor is responsible for checking the suitability of products for their intended use.*

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