

# Mortar 8



## Description

Epoxy Mortar 8 is a solvent-free epoxy resin compound specially formulated for the repair of faulty concrete, curing taken place even at low temperature and high humidity. The cured resin exhibit several outstanding properties, such as high mechanical strength, excellent adhesion to a wide range of substrates, outstanding resistance against water and chemical, negligible shrinkage, etc.

## Recommended Applications

- Repair concrete honey comb.
- Heavy duty and chemical resistant flooring.
- Anchorage reinforcing steel bar into concrete and rocks.
- Grouting of machine and rail.
- Concrete crack repairing by V-cut method.
- Heavy duty anticorrosive coating.

## **Base**

Resin and polyamine hardener

## Appearance

### **Color**

Transparent brownish liquid

### **Finish**

Transparent brown

## Application Data

<b>Flash Point</b>	100°C
<b>Solid Content</b>	100%
<b>Mixing Ratio, Resin : Hardener</b>	5 : 3 (by weight)
<b>Viscosity (at 25°C)</b>	Part A:600 - 900 cps ; Part B: 4500 cps A+B after mixing = 2000 cps
<b>Specific gravity</b>	1.1 (Mixture)
<b>Lowest Application Temp</b>	8°C
<b>Pot Life (at 25°C)</b>	30 minutes(25°C)  Pot life may be varied by temperature and humidity change. The lower the temperature exists and the higher the humidity, the longer the curing time needs.

### **Loyal Enterprise Company**

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### **Dongguan Haoli Fine Chemicals Co., Ltd.**

Datang Zone Daling Shan Town, DongGuan City, GuanDong Province

Tel: (86) 769-83351634, (86) 769-83351742 Fax: (86) 769-83351614

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<b>Curing Time</b>	20 hours Curing time may be varied by temperature and humidity change. The lower the temperature exists and the higher the humidity, the longer the curing time needs.
<b>Recommended Film Thickness</b>	Depends on application

## Packaging

Unit Size	Part A	Part B
4 kg / set	2.5 kg	1.5 kg
32 kg / set	20 kg	12 kg

## Coverage Rate

Depends on application

## Thinner/ Cleaning

MIBK

Not recommended for thinning, because it will cause the solvent entrapping, and it effect 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. Substrates to be applied must be dry, sound and grease free.
  2. Mix the part A and part B according to the specified mixing ratio with hand mixer at low speed, then by brush, roller or scraper.
  3. Mix with grand sand if it is necessary, mix thoroughly before the application
- Hints: The degree of densifying of the mortar has a definite influence on end properties.

<b>Mixing Ratio</b>	Epoxy Mortar 8	Part A	5 kg
	Epoxy Mortar 8	Part B	3 kg
	Granded Sand	Part C	56 kg (depends on application)

## Suggested Formulation

For bonding or grouting.

Epoxy Mortar 8	Part A	5 kg
Epoxy Mortar 8	Part B	3 kg
Granded Sand	Part C	0 kg

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For concrete crack repairing by v-cut method or anchoring.

Epoxy Mortar 8	Part A	5 kg
Epoxy Mortar 8	Part B	3 kg
Graded Sand	Part C	28 kg

For concrete repairing or flooring.

Epoxy Mortar 8	Part A	5 kg
Epoxy Mortar 8	Part B	3 kg
Graded Sand	Part C	56 kg

## Health and Safety

The product above contains polyamine 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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