

# PENTENS EPTM A/B

## 2-Component Epoxy AB Glue

### Product Data Sheet

#### Description

PENTENS EPTM A/B is a two-component pre-packed epoxy mortar based on epoxy resin for the bonding and repair of cracked concrete, brickwork and masonry, and for nosing and bedding of bearing pads.

#### Uses

PENTENS EPTM A/B is suitable for repairing from standard to highly absorbent concrete:

- Floor slabs
- Suspended floors
- Storage and logistic areas
- Car parks
- Factory floors
- Floor cracks
- Wall cracks

#### Advantages

- Easy application.
- High strength.
- Superb adhesive strength.
- Good penetration.
- Short waiting time.
- Non-toxic.

#### Technical & Physical Data

Form	Paste
Color (after mixed)	Ivory
Components	
EPTM A	Brown
EPTM B	Milky white
Density (CNS 6986, CNS 6988)	1.20kg
Flextural Strength (after cure)	20N/mm <sup>2</sup>
Compressive Strength (after cure)	30N/mm <sup>2</sup>
Elongation at break (%) (ASTMD 638)	9
Chemical Resistance (10% HCOOH, 60°C, 24 hrs)	No changes on the surface of the sample.
Pot Life (30°C)	20 minutes
Curing Time	45 minutes
Shelf Life	1 year when unopened and undamaged.
Storage Condition	Store in a dry, cool place.
Packaging	
EPTM A	20kg /pail
EPTM B	10kg /pail

#### Important Notes

1. Minimum ambient and substrate temperature is 5°C.
2. Apply only on clean surfaces.

## **Instruction for Use**

### **Surface Preparation**

All the surfaces must be clean, free from grease, oil, and laitance. Remove all the dirt and contaminants which might affect adhesion.

### **Mixing**

PENTENS EPTM A/B must be mixed homogeneously prior to application manually by hand or using a pneumatic power stirrer at approximately 300-400rpm. Apply directly on the surface or patch into voids or holes for crack repairs.

### **Curing**

- Foot traffic after 8 hours.
- Full mechanical and chemical resistance is achieved after 7 days.

### **Cleaning**

Tools and equipment can be easily cleaned with thinner immediately after use.

### **Safety**

Impervious gloves and barrier cream should be used when handling these products. Eye protection should be worn. In case of contact with eyes, rinse with plenty of water and seek medical advice if symptoms persist. If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin cleanser followed by plenty of soap and water. Do not use solvent. Ensure adequate ventilation when using these products.

**PENTENS**



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