

## EPOX 220

Epoxy Based, Two Component, Adhesive Mortar

### Description

**EPOX 220** is an epoxy based, solvent free, two component installation and adhesive mortar with thixotropic behavior.

### Fields of Application

- To adhere **TPE Flex** dilatation band.
- Bonding of metal profiles to concrete or steel parts.
- To adhere ceramic, granite or marble plate.
- To adhere concrete, stone, metal, wood and many other building products.
- To repair cracks.

### Features and Benefits

- Quick dry.
- Solvent free. Suitable for interior and exterior areas.
- Due to the excellent adhesion property, adhere different kind of surfaces such as concrete, stone, metal, wood, ceramic, granite, marble etc.
- Thixotropic behavior prevents sagging on vertical wall and ceiling.

### Technical Data

|                                 |                        |
|---------------------------------|------------------------|
| Content                         | Epoxy based            |
| Color                           | Light grey             |
| Density                         | 1,80 g/cm <sup>3</sup> |
| Compressive Strength (EN 196-1) | ≥60 N/mm <sup>2</sup>  |
| Flexural Strength (EN 196-1)    | ≥26 N/mm <sup>2</sup>  |
| Adhesion on concrete            | 3,70 N/mm <sup>2</sup> |
| Pot Life                        | 65 minutes (at 23°C)   |
| Application Temperature         | +5°C ile +30°C         |
| HS Code                         | 3214.90.00.00.19       |

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### Application Procedure

#### ***Preparation of Substrate***

Application surface must be dry, clean and clean off materials which prevent bonding, such as dust, oil, rust and loose pieces. Cracks and pores must be repaired with **EPOX 220** or other **BAUMERK** repair mortars.

#### ***Application Method***

A and B components must be stirred under low speed mixture during 2-3 minutes until homogenous mixture is obtained.

**To adhere dilatation tape; EPOX 220** is applied on both sides of the dilatation approximately 1,5 mm thickness and 40 mm width by trowel or spatula. After lay the dilatation tape, **EPOX 220** is applied on the front face and press until curing.

**To adhere metal profile; EPOX 220** is applied on both side of the surface and press until curing

**To adhere ceramic, granite or marble plate; EPOX 220** is applied with using a notched trowel and plates are installed. Recent position must be set within 30 minutes.

### Consumption

Approximately 2 kg/meter for fixing dilatation tape

### Packaging

3,75 kg component A + 1,25 kg component B = 5 kg set

### Shelf Life

12 months in original, unopened package.

### Storage

Store in dry area between +5°C and +35°C. Protect from heat, freezing and direct sunlight.

### Cleanup Information

Clean tools and equipment with thinner immediately after use. Dried material can only be removed mechanically.

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### Cautions / Limitations

- Pay attention to pot life, always prepare product mixture that can be used within this time.
- Pot life will be decrease in hot weather.
- It may be harmful with skin contact.
- Do not apply in freezing conditions or during precipitation.
- Protect applied materials from rain, freezing, foot traffic and continuous high humidity until completely dry.
- Do not use when air and surface temperatures are below +5°C and above +35°C.

### Health and Safety

**Warning!** Cause eye and skin irritation. If eye or skin contact, get immediate medical attention. If swallowed, do not induce vomiting. Call a physician or poison control center. Never give anything by mouth to an unconscious person.

Wash hands thoroughly after handling. Wear protective clothing, gloves, eye and face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash it before reuse. Dispose of unused, contents, container and other contaminated wastes in accordance with local, state, federal and provincial regulations.

Keep container closed when not in use. Keep out of the reach of children.

**Limited Warranty:** This product is subject to a written limited warranty which can be obtained free of charge from BAUMERK Company. Please contact with technical service department for further information and support.