

# POLY 308

## Polyester Based Chemical Anchor

### Description

**POLY 308** is a polyester based, two component chemical anchor.

### Fields of Application

- Suitable for fastening iron of masonry structure on concrete, marbles and perforated bricks.
- Using for general purposes, for example fixing of gates, balustrades, roller blinds, panes, antennas, consoles, cable trays etc.

### Features and Benefits

- Cures quickly.
- Easy to apply.
- Highly resistant to chemicals.
- Can be applied on moisture surfaces.
- Remains the color.

### Technical Data

#### Physical Properties

|                         |   |
|-------------------------|---|
| Content                 | Polyester   |
| Color                   | Light Grey (mixture)  |
| Density                 | 1,66±0,03 g/cm <sup>3</sup> (A component) / 1,30±0,03 g/cm <sup>3</sup> (B component) |
| Full curing             | 7 days  |
| Application Temperature | +5°C to +35°C   |
| Temperature Resistance  | -30°C to +100°C   |
| Service Temperature     | 0°C to +80°C  |
| HS Code                 | 3214.90.00.00.19  |

|                                |     |     |     |     |
|--------------------------------|-----|-----|-----|-----|
| Base Material Temperature (°C) | 5   | 15  | 25  | 35  |
| Working Time                   | 12' | 6'  | 3'  | 2'  |
| Curing Time                    | 50' | 35' | 30' | 25' |

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### Tensile Load for Concrete

| Ore Diameter (mm) | Min.Perforation Diameter (mm) | Hole Depth (mm) | Min.Tensile Load (kN) |
|-------------------|-------------------------------|-----------------|-----------------------|
| 8                 | 10                            | 80              | 7                     |
| 10                | 12                            | 100             | 11                    |
| 12                | 14                            | 120             | 16                    |

### Application Procedure

#### Preparation of Substrate

Holes or channels must be drilled into the existing concrete. Dust in these holes or channels must be removed.

#### Application Method

Remove the cap of the cartridge and cut the foil. Place the static mixer on the top of the cartridge. Place the product in standard cartridge gun. Drill a hole suitable diameter for the anchorage rod (by using a drill) Clean the hole from dust, grease and dirt by using a brush or air flow. Dispense the product until it becomes completely grey (about 10–15 cm) and don't use unmixed part. The product is filled until 2/3 of the hole. Place the anchorage rod to be fastened rotating. Product's curing must complete for service to open.

### Consumption

Depends on usage area.

### Packaging

300 ml cartridge  
345 ml cartridge

### Shelf Life

12 months in original, unopened package.

### Storage

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Store in dry area between +5°C and +25°C. Protect from heat, freezing and direct sunlight.

### Cleanup Information

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

### Cautions / Limitations

- 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 +10°C and above +30°C.
- Avoid heavy traffic for 24 hours.

### 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.