

DEMCO[®] EPOX 284

Description

Epoxy based, two component, bonding and assembly mortar. For all kinds of iron sprout planting, placement of anchorage elements; concrete crack repair and insulation, crack injection and crack insulation; all kinds of structural concrete repair; assembly and bonding of all kinds of metal parts to concrete or steel parts. and used as dilatation tape adhesive.

Working Conditions

The working area temperature should be 15°C- 30°C.

Mixing

All of component B must be discharged into component A and the two components at least 3 minutes until a homogeneous mixture is formed must be stirred. Avoid air bubbles in the mixture. It is recommended to mix at low speed to prevent the formation of a low speed.

Advantages

- Easy to mix and apply.
- Suitable for dry and damp concrete surfaces.
- Adheres very well to many building materials.
- High strength adhesive. Good chemical resistance.
- Thixotropic, does not sag. Suitable for vertical and overhead applications.
- Solvent free.
- It hardens without relativization.
- Does not require primer.
- Good abrasion resistance.
- Impermeable to liquids and water vapors

Surface Preparation and Application Method

Application surfaces must be free from oil, rust, dust and similar impurities. There should be no loose layer on the application surface. When used as a thin adhesive, the mixed adhesive is applied with a spatula or trowel. When it is to be used for bonding metal profiles on vertical surfaces, it is supported by pressing with press and/or padding for at least 12 hours depending on the applied surface and room temperature. If there is a new column, beam or curtain to be placed on concrete, the concrete holes or channels are drilled on the surface, after being cleaned from dust, Epoxy Anchor, Repair and Assembly Paste is filled with DEMCO EPOX 284, anchors are quickly inserted into it.

Consumption

Consumption varies according to usage.

Package

In 5 kg packages.

Storage and Shelf Life

15- 25°C and closed, moisture-free and out of direct sunlight in warehouses and in unopened, original packaging; 1 year.

Technical Properties

Number of Components	2
Mixing Ratio (by weight)	A/B (75/25)
Mixing Density (g/cm ³ , 20°C) (TS EN ISO 2811-1)	1,75 ± 0,10
Mixture Life (min, 23°C, 100 ml)	50-90
Mixture Viscosity (mPas, 25°C) (EN ISO 3219)	300-500
Drying Time (23°C) (TS 4317)	
Touch (Clock)	3-5
Full Hardening (Week) (TS EN 12188)	1

Safety Measures

Avoid contact of the mixture or components with skin and eyes. In case of contact, wash with plenty of water and consult a doctor. Protective gloves, clothing and goggles should be worn and kept away from children. must be kept.

Attention

The ideal temperature of the floor to be applied should be 15°C- 30°C. Temperature should never be below 10°C.

In applications in open and closed areas, the floor, ambient temperature and ambient humidity should be taken into consideration. Soil relative humidity below 4% and ambient humidity below 80%. must be used. An appropriate amount of mixture should be prepared during the work and this mixture should be work should be continued until all of it is consumed. DEMCO EPOX 284 applied at a temperature of 20°C- 25°C hardening time is on average 7 days

LEGAL WARNING: The data contained in this white paper is based on scientific and practical based on our knowledge. Demmerg Kimya Sanayi ve Ticaret A.Ş. is only responsible for the quality of the product. Where and how other than written recommendations on how to use and/or incorrect Demmerg Kimya Sanayi is responsible for the consequences

Approvals / Standards

CE It has been tested according to EN 1504-2 under the scope of the certificate.

