

Chelfix EP 4000 D

Epoxy Adhesive for Dilatation Membranes



Product Description

Overhead and adhesion of PVC, TPE dilatation membranes to dilatation for horizontal applications is a two component, high strength epoxy material used in the thixotropic consistency, adhesion and repair work specially developed for the epoxy resin.

Areas of Usage

- In bonding the dilatation tapes to the concrete,
- All kinds of concrete, marble, stone materials such as repair, glued,
- It is used for adhering materials such as tiles, granites to polished surfaces.

Features and Benefits

- Its application is a very easy material.
- Water and gas are impermeable.
- It is resistant to chemicals and abrasion.
- It provides excellent adhesion for concrete.
- It will not retract.

Application Instructions

Surface Quality: The surface of the application should be free from all kinds of dust, dirt, weak and volatile particles, cement grout residues, oil and dirt and be dry. Concrete bottom surface should be clean, strong and have sufficient compressive strength (at least 25 N/mm²), its pull-off strength should be at least 1.5 N/mm².

Surface Preparation: A masking band is placed on both sides of the dilatation to ensure that the dilatation band is properly removed and that the epoxy does not spread around.

Mixing: After component B has been added to component A, stir for 2-3 minutes until a homogeneous color is obtained with a low speed, electric stirrer (up to 400 rpm).

CHELFIX EP 4000 D epoxy is applied as minimum 5 cm to the right and left sides of the dilatation band. It is then glued onto the dilatation band. It is seen that the epoxy comes out of the band holes. The next day, the second layer is applied on the band as slightly overflow on the edges. It is advisable to make an inverted or flat omega (Ω) in the middle of the dilation so that the band does not consume its elasticity immediately.

Application Notes / Restrictions

- Do not apply if the temperature is below +5°C.
- Solvent-free, cannot be thinned with thinner.
- When mixing and applying, use rubber gloves and work gloves to protect your skin and eyes from exposure. Especially eyes should be carefully protected.
- If it contacts with eyes, rinse your eyes with plenty of water for about 15 minutes and immediately contact a doctor.
- Do not add any foreign material, water into the product.
- In extreme hot weather, the mixture should be prepared as consumed because the product will harden immediately when mixed.
- The material spilled around and contaminated with application equipment can be cleaned with Clean Thinner.

Technical Data

General Information	
Color (Mixture)	Grey
Density	~ 1.64
Package	5 kg set
Shelf Life	12 months in unopened original packaging
Application Information	
Consumption	1.00 kg / metric.
Mixture Ratio	3A / 1B (Weighted)
Pot Life	~ 30 minutes (20°C)
Performance Information	
Compressive strength (7 days)	≥ 60 N/mm ²
Bending Strength (7 days)	≥ 20 N/mm ²
Concrete Adhesion	≥ 3,0 N/mm ² (Rupture from Concrete)
Steel Adhesion	≥ 3.5 N/mm
Full Strength	27 days
Cleaning Time	~60 minutes (20°C)