

EP-INJECTION GROUT

TWO COMPONENT EPOXY BASED INJECTION GROUT

DESCRIPTION:

EP INJECTION GROUT is a solvent free crack injection material. Due to its free flowing low viscosity, it is used to seal & inject cracks in concrete floors, walls & structure, providing deep penetration, excellent bonding inside the cracks. It is insensitive to moisture and has excellent resistance to honey combing & chemicals.

ADVANTAGES:

- ✓ It Seals & bonds strongly with concrete cracks, floors & walls and provides smooth working surface. It steers clear of damage of the concrete substrate.
- ✓ It is resistant to chemicals, corrosion, abrasion & dust formation.
- ✓ Low viscosity helps in deep penetration into the cracks. Thus seals the cracks permanently.
- ✓ Because of low viscosity, strong bonding, higher strength development than parent concrete, shrink free nature & waterproofing characteristics, makes it suitable for repairs of heavy concrete structures like bridges, dams, buildings, etc.
- ✓ Suitable for Middle East climatic conditions.
- ✓ Provides excellent adhesion to cement substrates even under salt water & moisture.

AREA OF APPLICATION:

EP- INJECTION GROUT helps bonding of concrete cracks permanently. It is also used in repair of crack concrete areas in floors, walls, tanks & sea walls. It can be easily injected into cracks & honey combing in concrete & masonry.

SPECIFICATIONS:

Base	Epoxy
Colour	Yellowish
System	Two Component (Resin:Hardener, 77:23, by volume)
Compressive strength	
1day	120 N/mm ²
3day	130 N/mm ²
7day	135N/mm ²
Pot Life @30°C.	20-25 mins

PREPARATION:

The components resin + filler (A) and hardener (B) are delivered in a container in the correct ratio for mixing. Add all the hardener to component A and mix thoroughly with a mechanical mixer at max. 200 rev/min (slow drill with stirrer). Avoid mixing in air.

After c. 3-5 minutes mixing pour into clear container and mix again thoroughly. Allow to stand for 5 minutes before using to allow the trapped air to escape.

APPLICATION:

Inject the epoxy resin grout in a continuous stream into the prepared formwork with a injection gun.

HARDENING:

When handling reactive plastics, the temperature of the structural part plays a very important role as well as the ambient temperature. At higher ambient temperatures the chemical reaction times are speeded up, at low temperatures they are delayed. For the reactive plastic to harden fully, the average temperature of the base must be higher than the lowest minimum temperature.

CLEANING OF TOOLS:

Clean tools and equipment with EPOXYTHIN.

SAFETY PRECAUTIONS:

Keep away from naked flames/lights. Do not smoke near application area. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

PACKING:

Available in 4 & 20 Kgs.

WARRANTY CLAUSE: *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*



ACECOATS[®]

the complete construction solution