



# LayInjection EP

## Epoxy Injection Grout

**PRODUCT DESCRIPTION:** LayInjection EP is a low viscosity epoxy injection grout for anchoring bolts and crack repair. It is a 2-component epoxy resin. It is designed to bond concrete surfaces and restore structural integrity.

### USES:

LayInjection EP is used as an injection grout for anchoring pins and bolts and for the repair of voids and cracks in concrete, marble and stone.

The product can be poured or injected into hairline cracks. Penetration is achieved within seconds and final bond strength is higher than the internal bond strength of concrete.

### ADVANTAGES:

- High-modulus materials designed to penetrate concrete cracks
- Permanent, high-strength bond between concrete surfaces Restores the structural integrity of the concrete
- Resistant to acids, bases, sewage, sea water and Oils

**PACKAGING:** 1 liter unit (2 components)

**COMPOSITIONS AND MATERIALS:** Clear low viscosity epoxy resin and hardener.

### TECHNICAL DATA:

Pot Life: 20 Minutes at 30 C

Tack Free Time: 0.5 hours

Final Cure: 2 hours

Viscosity: 6 poise

Compression Strength: 70 N/mm<sup>2</sup>

Flexural Strength: 65 N/mm<sup>2</sup>

Consumption: 1 liter will fill 1 m<sup>2</sup> by 1 mm thickness

### INSTALLATION:

**Surface Preparation:** All surfaces must be clean and free of dust, grease, sealants and foreign matter.

**Application:** Clean surface well with compressed air or wash thoroughly with water. Mix the 2-components of LayInjection EP well at low speed using a suitable tool. Pour LayInjection EP over horizontal stone slabs, spread gently and allow some time for full penetration depending on stone thickness.

On vertical surfaces, fill a suitable injection gun with the mixed components of LayInjection EP and inject into cracks. You may have to drill some holes in the crack line and use injection nipples for better results. Continue the injection process until the whole length of the crack is filled.

**Precautions:** LayInjection EP can cause severe eye irritation. In case of contact flush with large amounts of water and seek medical help.



**Cleaning:** Wash spills with xylene.

**Storage Life:** One year if stored in cool, dry location.

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