

## very low viscosity epoxy injection resin

### PRODUCT

**weberep epo 650 i** is a two component solvent free epoxy injection resin with very low viscosity for injection into cracked concrete.

### PROPERTIES

- Very low viscosity
- Good penetration, even in hairline cracks
- Very good adhesion to concrete, wood, metal, even in unfavorable condition such as the combination of low temperatures and frost.
- High mechanical characteristics
- Fast hardening
- Longer pot life

### SCOPE OF USE

**weberep epo 650 i** is the very low viscosity injection resin and is used for structural repair of cracks in:

- Concrete pillars
- Beams
- Concrete slobes
- Anchoring threaded rods in concrete
- Cracks in Masonry...

### CHARACTERISTICS

Appearance	
A & B comp.	Transparent yellow
Pot life (25 °C)	80 min
Mixing ratio (weight)	10 kg A / 3 kg B
Tensile strength (EN ISO 527)	62 N/mm <sup>2</sup>
Compressive strength (EN ISO 604)	106 N/mm <sup>2</sup>
Flexural strength (EN ISO 527)	99.5 N/mm <sup>2</sup>
Density (20 °C)	
A comp	1.10 g/ml
B comp	0.94 g/ml
Mixture	1.05 g/ml
Application Temperature	>10 °C
Viscosity (25 °C)	
A comp	125
B comp	25
Mixture	± 100 mPa.s

### INSTRUCTIONS FOR USE

An injection device of single component pump can be used. Before injection is done, the cracks should be sealed on the surface with quick-setting mortar or a thixotropic epoxy



### PACKAGING

Leb	Syria	Jordan	UAE	Qatar	Kuwait	KSA	Oman
3.25 Kg	3.25 Kg	3.25 Kg	3.25 Kg	3.25 Kg	3.25 Kg	3.25 Kg	3.25 Kg
13 kg	13 kg	13 kg	13 kg	13 kg	13 kg	13 kg	13 kg

Component A: 10 kg  
Component B: 3 kg

Component A: 2.5 kg  
Component B: 0.75 kg

paste such as **weberep epo 412 CRY**. Use surface adhesion packers at each injection points.

The injection points should be equally spaced along the length of the cracks. The interval between the injection points should be the same as the thickness of the construction being injected.

After thorough mixing of the two components in the correct proportions with the proper injection equipment (injection pump, grease gun or crack injector). The **weberep epo 650 i** injection resin is injected into the crack. The injection pressure depends on the size of the crack, the way of working,....

### CLEANING

Unhardened product can be removed with a cleaner.

### CONSUMPTION

Depends on the surface being injected

### STORAGE

24 months after date of production, in original unopened undamaged packaging, stored between +5° C and + 30°C.

## SAFETY PRECAUTIONS

Application should be done in a ventilated area away from any heat source. Wear protective gear for hands and eyes and avoid breathing of vapor. If mixed resin comes into contact with the skin, it should be promptly removed before hardening, followed by thoroughly washing the skin with soap and water. In case of heavy vapor inhalation, place affected person in an open-air area. In case of contact with eyes, wash thoroughly with clean water. If swallowed, do not induce vomiting. In all cases, seek medical attention. In case of fire, use CO2 foam to extinguish. Tightly seal containers when not in use, store them away from heat and carefully dispose empty ones.

## DISCLAIMER

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