

# EPOXINJECT 155 LV

Low viscosity epoxy injection system for the structural repair of cracks in concrete and masonry structures (slabs, beams, pillars...). Application with 1 component injection pump.

## Applications

Structural repair of cracks in concrete & masonry structures. (slabs, beams, pillars...)

Anchoring of rebar in concrete and brick structures.

Bonding of structure by epoxy-injection to achieve mechanical strength.

## Composition

The epoxy-injection system is a pure, solvent free system containing pure epoxy resin & a hardener.

## Characteristics

- ❖ Low viscosity.
- ❖ High penetration.
- ❖ Very good adhesion to concrete, wood & metal...(fracture in concrete)
- ❖ Excellent mechanical characteristics.

## Packing

Pre dosed sets of 10kg.

- Component A – 5kg
- Component B – 5kg

## Storage

1 Year in original packing. Keep dry and cold.

## Safety & Health Precautions

Therefore, material must be stored in a temperature does not exceed 30°C or not lower than 10°C.

Shelf life is 1 year. & all drums that are partly used must be covered by nitrogen & resealed to prevent ingress of moisture.

## Technical data

Colour A Component	Yellow transparent liquid
Colour B Component	Yellow liquid
Pot Life (20 C)	± 30 minutes
Mixing Ratio	5 kg A comp / 5 kg B comp
Tensile Strength	45 N/mm <sup>2</sup>
Elongation at Break	10%
Compression strength	80 N/mm <sup>2</sup>
Flexural strength	65 N/mm <sup>2</sup>
Density	1,00 g/cm <sup>3</sup>
Viscosity (20°C)	ca. 120-150 mPa.s
Viscosity A (42°C)	ca. 240 mPa.s
Viscosity B (36°C)	ca. 25 mPa.s
Viscosity mix (start) *	ca. 70 mPa.s
Viscosity mix (after 10 min) *	ca. 43 mPa.s