



## DESCRIPTION

Chemguard EP2050LV is a two component, solvent free, low viscosity epoxy resin system for crack injection applications in concrete, masonry, and brickwork

## RECOMMENDED USE

Chemguard EP2050LV For injection of cracks in all types of structural concrete elements, masonry, and brickwork .

## SURFACE PREPARATION

The surface of the cracks should be cleaned from dust, oil, plaster, grease, curing compound and corrosion deposits.

All cracks to be repaired should be cleaned with compressed air. This should be carried out after drilling of injection holes .

## MIXING

Mix the two components of the Chemguard EP2050LV until uniform color is achieved. PARTIAL MIX NOT RECOMMENDED

## THINNING

Not Recommended

## APPLICATION

Adequate injection equipment capable of building a pressure up to 4 bars should be used.

Pour the mixed resins into the injection equipment and start the lowest point. Injection should continue until mixed resins appears and leaks out the nipple above.

Close the injected nipple and continue the injection process in the nipple above. This process should be repeated until all nipples are injected. Consult Unichem Technical Support Department for application instructions.

## DRYING TIME

Pot Life	30 min
Full Cure	7 days at 24°C and 50% RH

## TECHNICAL INFORMATION

Color	Clear Amber
Density	1.08±0.02
% Solids (by volume)	100%
Mixing Ratio(by Volume)	55%(PtA) : 45%(PtB)

## APPLICATION CONDITIONS

Min. Application Temperature	5 °C
Max. Application Temperature	50 °C
Max. Humidity	85%

## THEORETICAL COVERAGE

The coverage rate is around 20m<sup>2</sup>/L at 50μ thickness .

## SHELF LIFE

12 months when stored properly in unopened container in dry conditions at 10 - 25°C.

## CLEANUP

Tools and equipment can be cleaned with *Chemguard Thinner No. #2*. Dried Chemguard EP2050LV should be removed mechanically.

## PACKAGING

Chemguard EP2050LV is available in 7.2 Liter and 36 Liter Kit .

## PRECAUTIONS

Contains aromatic hydrocarbons solvent. KEEP OUT OF REACH OF CHILDREN. Use with adequate ventilation and use a respirator when levels are above applicable limits.

Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product .

## TECHNICAL SUPPORT

Technical assistance is available from the manufacturers trained field representatives.

## UPDATED

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# 1976

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