



# BOSTIK LVEP

## Low Viscous Epoxy Injection Resin Grout

### TECHNICAL DATA SHEET

#### DESCRIPTION

Epoxy Injection Grout consists of solvent free epoxy resin with low viscous liquid hardener. Epoxy injection grout may be placed by free flow under gravity or may be injected using suitable hand or mechanical pump. Grouting of a gap dimensions 0.1mm to 10mm may be easily achieved

#### USES

Crack injection application  
Filling and bonding of cracked concrete  
Structural support where thin section grouting is required  
Structural support where dynamic load resistance is required  
Bonding of lifted floor toppings

#### FEATURES AND BENEFITS

Low viscosity and rapid strength gaining  
High mechanical strength  
Non shrink  
Good Chemical resistant

#### Properties

Pot life @ 25 degree C.	: 30 minutes
Mixed viscosity	: 200 cps
Density	: 1.05-1.10
Compressive strength	: 80 N/sq.mm
Flexural strength	: 35 N/sq.mm

#### APPLICATION PROCEDURE

##### Surface Preparation

Ensure that grouting surfaces are free from dust and oil contamination  
Small gaps may be blown out by using clean dry compressed air  
Steel should be free of rust and flaking mill scale  
All work surfaces must be dry

##### MIXING

Add entire content hardener into base  
Mix thoroughly for 2 minutes with slow speed stirrer until to get homogeneous

##### PLACING

##### Pouring Under Gravity

For supporting structures, where epoxy injection grout is being poured under gravity, the use of a grout tight shutter is essential. This may be constructed from timber and sealed using fast set mortar. Apply a mould releasing agent to the form work surfaces which will affect release after the grout has hardened.

##### CRACK INJECTION

Drill and fix suitable injection tubes at approximately 300mm centers along the crack line using fast set mortar for fixing the tubes and facing up the crack. Use low pressure pump to inject mixed grout starting at the lowest point of the crack and work upwards to the highest point sealing off each injection point in turn. Allow grout to cure for at least 24 hours. Cut off external parts of injection tubes and tools and equipment should be cleaned with solvent prior to grout setting

## **PACKAGING**

Bostik LVEP is supplied in 1 and 4 kg

## **STORAGE & SHELF LIFE**

Bostik LVEP as supplied shall be stored in a cool and dry place away from sunlight, moisture and high humidity and have a shelf life of 12 months in the original packing.

## **HEALTH & SAFETY**

Bostik LVEP contains organic resins and hardeners which may cause sensitization by skin contact. Avoid contact with skin and eyes and inhalation of vapour. In case of contact, wash liberally with water and seek medical advice, if required. Wear suitable protective clothing, gloves and goggles while handling.

## **FIRE**

Bostik LV EP is inflammable. No naked flame should be allowed near the site.

Do not smoke during use.

## **WARRANTY**

Whilst Bostik India (P) Ltd., strives to ensure that any advice, information or recommendation given are appropriate and correct, it cannot accept any liability directly or indirectly arising out of the products, since the method and place of application of the products are beyond its control. Its guarantee is therefore limited to the quality of materials delivered.

## **BOSTIK SMART SUPPORT**

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