

# CRACK-LOC<sup>®</sup> 100LV

## Crack injectable epoxy

**Product Description**

The Crack-LOC1<sup>®</sup>100 double component, high solids, flow crack injection epoxy is made to repair cracks and spall in concrete.

**Features**

- Low Viscosity
- Penetrates deeper on cracks
- Moisture Insensitive
- Bolt & Plate Grouting
- Superior corrosion resistance to fresh and sea water environment
- Welding Cracked Concrete.
- 100 % solids, can be applied horizontally, vertically and over head.

**Colors**

<b>Part A</b> Clear	<b>Part B</b> Amber
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**Viscosity**

Low Viscous

**Working Time**

2 Hours

**Surface Preparation**

Remove dirt, dust, disintegrated materials,, grease, oil, efflorescence or other foreign matter detrimental to bond of epoxy.

**Injection Procedure**

1. Provide 6.35mm Ø hole 1 1/2" to 2" with 1meter interval space through the cracks.
2. Seal with EpoSEAL –EP epoxy putty, . Meanwhile, injection nozzle are placed and set along the entire length of the crack.
3. Once EpoSEAL –EP epoxy putty is putty cured, you are ready to inject mixed material of Crack-LOC 100.Inject the material with steady pressure until you see the material coming out to the next nozzle. Repeat the process up to the last nozzle.
4. Allow the epoxy to completely cure. Remove the nozzle by grinding or cutting. Use grinder to remove the cured EpoSEAL EP epoxy putty.

**Mixing Ratio**

<b>Part A</b> 1	:	<b>Part B</b> 1
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**Thinner**

Use TH-46 Thinner to clean tools.

**Packaging**

Gallons (3.785 liters)

**Technical Data (cured product)**

Compressive Strength	10,000 after 7days	ASTM D-695
Shear Strength,psi	5,500 after 7days	ASTM D-738
Tensile Strength,psi	4,100 after 7days	ASTM D-638
Bond Strength,psi	3,600 after 14days	ASTM D-882

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