



## Ronacrete EP LV

Two component low viscosity epoxy resin for crack repairs



### FEATURES

- High strength crack repair
- Low viscosity, excellent penetration
- Excellent bond strength
- Suitable for damp or dry surfaces
- Internal & external application
- Water resistant
- Easy to use

### Description

Ronacrete EP LV is a low viscosity, solvent free epoxy resin suitable for filling cracks and voids in cementitious screeds, concrete, brickwork and masonry. Can penetrate cracks down to 0.2mm.

### Physical Properties

Viscosity	-	150-250 cps (at 20°C)
Specific gravity	-	1.07
Pot life	-	30-40 minutes (at 20°C)
Compressive strength	-	70N/mm <sup>2</sup>
Adhesion to concrete	-	4.4N/mm <sup>2</sup>
Shore D hardness	-	75
Application temperature range	-	3°C—45°C

### Yield

Material consumption is dependant on the depth, width and extent of the cracks/voids.

### Instructions for Use

#### Surface Preparation

All surfaces to be treated are to clean and free from contamination and loose and friable material. Cracks are to be cleaned with oil free compressed air. If water is used to flush cracks allow to fully dry before proceeding.

#### Mixing

Add the full contents of the Curing Agent into the Base container and mix with a slow speed drill and spiral mixing paddle (MR3 type) until a homogeneous colour is achieved. Typical mixing time is 3-4 minutes.

#### Application

Apply Ronacrete EP LV to cracks by gravity feed or by gunning. Injection flanges may be positioned at 150mm centres along the crack length using a suitable polyester or epoxy adhesive. Once cured, the resin may be ground down to level.

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### Curing (at 20°C)

#### Curing

Touch dry	-	5 hours
Hard dry	-	10 hours
Full chemical cure	-	7 days

The above times will be extended at lower temperatures.

### Packaging

Ronacrete EP LV is supplied in 1 & 5 litre units.

### Working Temperatures

Ronacrete EP LV may be applied in temperatures between 3°C and 45°C.

### Shelf Life and Storage

Ronacrete EP LV should be stored unopened between 10°C and 25°C in dry warehouse conditions and out of direct sunlight. In these conditions shelf life is approximately 12 months.

### Health and Safety

Wear gloves and goggles when mixing and applying Ronacrete EP LV. Avoid contact with skin and eyes. Any contact is to be thoroughly washed/irrigated with clean water.

Refer to Safety Data Sheet for full details.

### Site Attendance

When on site Ronacrete representatives are able, if asked, to give a general indication of the correct method of installing a Ronacrete product. It is important to bear in mind that Ronacrete Ltd is a manufacturer and not a contractor and it is therefore the responsibility of the contractor and his employer to ensure he is aware of and implements the correct practices and procedures to ensure the correct installation of the product. Liability for correct installation lies with the contractor and not with Ronacrete Ltd.

The information detailed in this leaflet is liable to modification from time to time in the light of experience and of normal product application, and before using, customers are advised to check with Ronacrete Ltd, quoting the reference number, that they possess the latest issue. Any person or company using the product without first making further enquiries as to the suitability of the product for the intended use does so at his own risk, and Ronacrete Ltd can accept no responsibility for the performance of the product, or for any loss or damage arising out of such use.