

**Description**

Resbuild LV Liquid is a two pack, solvent free, rapid curing, low viscosity Epoxy resin designed for filling cracks and voids in concrete, brickwork and masonry. It is ideal for effecting rapid repairs to concrete floors.

**Typical Uses**

Filling of cracks and voids in concrete, brickwork and masonry.

Filling voids and joints where little or no movement is anticipated.

Filling thin section 'blow outs' or craters in concrete floors.

**Advantages**

- Easy to use
- Very fast cure
- Low viscosity
- High strength
- Excellent bond strengths to concrete, brickwork and masonry
- Suitable for damp or dry surfaces
- Water and weather resistant
- Penetrates cracks from 0.2mm up to 20mm
- Low temperature cure
- Convenient 3:1 volume mix

**Typical Properties**

Viscosity: 400 cps @ 20°C

S.G.: 1.07

20°C Pot Life: 10-15 minutes

Compressive strength: 80 MPa

Adhesion to concrete: 4.4 MPa (concrete failure)

Shore D Hardness: 85

Temperature range during application: -3°C to +30°C

**Packaging**

Resbuild LV Liquid is supplied in 1, 2, & 5 litre packs.

**Procedure****Surface Preparation**

Surfaces to be treated shall be clean, sound and free from contaminants.

Cracks may be reamed out, and air or water flushed to remove contaminants, and allowed to dry.

Craters in concrete floors need to be clean, and free from grease and dust, etc.

**Mixing**

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform consistency is achieved. Part mixing of packs is possible with care. Mix in the ratio of 3 volumes Base to 1 volume Curing Agent.

**Application**

Apply the Resbuild LV Liquid by gravity feed or by gunning or pumping into cracks.

For filling voids and craters, simply fill by pouring.

Once the resin has cured it can be ground down to level, or topped up if the level sinks.

**Equipment Cleaning**

Clean equipment with Resbuild Toolclean prior to curing of the coating.

**Curing**

Resbuild LV Liquid will be hard dry after 1 – 2 hours at 20°C. Full mechanical properties will be achieved following 7 days cure at 20°C.

At lower temperatures curing time will be extended.

Please consult our Technical Department for specific data.

**Storage and Shelf Life**

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

Resbuild LV Liquid has a minimum shelf life of 12 months shelfwhen stored in original, unopened containers in accordance with manufacturer's instructions.

**Coverage**

The consumption of Resbuild LV Liquid is very much dependent on the depth and extent of cracks or voids within the substrate.

**Limitations**

Do not apply to wet or uncured concrete surfaces.

Do not apply at temperatures of less than -3°C

**Health and Safety**

Avoid contact of the material with skin and eyes.  
Wear gloves and goggles  
Wash off splashes immediately with soap and water.  
Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought.

Please refer to Material Safety Data Sheet for additional information.

Resbuild LV Liquid shall be applied strictly in accordance with the manufacturer's instructions.

For specific advice regarding any aspect of this product, please consult our Technical Department.

The information provided in this Product Data Sheet is intended for general guidance only and is given in good faith based on Resin Building Products Limited current knowledge and experience. No warranty in respect of fitness for a purpose, or any other liability whatsoever can be inferred from the information contained within this data sheet. Users should determine the suitability of the materials for their particular application and should always refer to the most recent issue of the Product Data Sheet for the product concerned. All materials are supplied in accordance with our standard terms and conditions of sale (available upon request).