



UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

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PRODUCT SUMMARY

www.uclidtechnology.com

UCOGROUT - EP(L)

EP-136

Low Viscosity Epoxy Resin Grout

Advantages

- * Excellent Chemical and weathering resistance
- * High compressive, flexural and tensile strength
- * Non-shrink
- * Excellent adhesion to steel and concrete
- * Prepacked and ready to use
- * Dynamic load resistance
- * Usable at low temperatures
- * Solvent-free and low odour
- * Extremely durable
- * Resistance to impact and vibration

Product

UCOGROUT - EP(L) is a low viscosity epoxy grout for injection.

Composition

UCOGROUT - EP(L) is a low viscosity liquid based on epoxy resin with blended hardners.

Purpose

UCOGROUT - EP(L) is used to fill and seal cavities and cracks in structural components such as columns, beams, foundations, decks and water retaining structures.

Packing

UCOGROUT - EP(L) is available in 1 kg. and 5 kg. packing.

Our Sole Distributor :

Innovative MARKETING

Shop No. 1, Avni Complex,
G.I.D.C., Estate, Pardi-396 125, Dist. Valsad, Gujarat.
Phone : (0260) 373551
E-mail : inn_marketing@yahoo.co.in

Our Dealer :

Description

UCOGROUT - EP(L) is a solvent-free low viscosity injection liquid based on high strength epoxy resin grouting systems formulated to give high strength material complying with ASTM C 881.87 type 1 class B.C .

UCOGROUT - EP(L) is ideal for repairing cracked structural members by injection for waterproofing, strengthening and for structural integrity.

Where to Use

- * Injection of cracks in concrete brickwork and masonry.

Technical Data

Form	Liquid
Colour.....	Light Yellow (Mixed)
Density.....	Approx 1.10
Gel time.....	20 to 30
Viscosity.....	200 ± 25 at 27°C
Tensile Strength.....	30 N/mm ²
Bond Strength.....	35 N/mm ²
Application Temp.....	10°C to 40°C

Method of use

Crack surfaces must be clean, free from standing water and loosely adhering particles, cement laitance and foreign particles should be removed. Mix both resin and hardener together for at least 3 minutes with a mixing paddle attached to slow speed electric drill until smooth consistency and homogeneous mixture of uniform colour achieved.

Use automated injection equipment or manual method set appropriate injection parts based on system used. Inject UCOGROUT - EP(L) with steady pressure after adhesive seal has cured. Minimum crack width for application 0.1 and 4mm respectively. Minimum age of new concrete 28 days. Not to be injected under hydrostatic pressure.

Storage

UCOGROUT - EP(L) may be stored for a year in manufacturer's undamaged sealed containers in dry conditions above 10°C and out of direct sunlight.

Handling Precaution

Cleanliness in handling epoxy resins is essential to prevent skin irritation. Avoid contact with skin.

Strength Results

Ultimate Strength at 30°C	N/MM ²
Compressive	70
Tensile	30
Bond	3.5

Important Note :-

All product should be used in accordance with manufacturer's instructions. Every effort is made to ensure that the information is reliable, we cannot accept responsibility for work carried out with our materials as we have no control over methods of application, site conditions etc.