



UCLID TECHNOLOGY LTD.

(CONSTRUCTION CHEMICAL DIVISION)

Reg. Office :
Plot No. 16, G.I.D.C. Estate,
PARDI-396 125, Dist. Valsad.
Gujarat (India.)
Tele Fax : 0260- 373145
E-mail : uclidtl@yahoo.co.in

PRODUCT SUMMARY

www.uclidtechnology.com

UCOGROUT - EP

EG-135

Ultra High Strength Pourable Epoxy Resin Grout

Advantages

- * Non-Shrink
- * Free-flow
- * Ultra High strength
- * Excellent adhesion to steel and concrete
- * Excellent weathering and chemical resistance
- * Pre-packed and ready to use
- * Self-cured material
- * Resistance to vibration and impact

Product

UCOGROUT-EP is three component a highly filled free folwing ultra high strength epoxy grout.

Composition

UCOGROUT-EP is a combination of epoxy resin with blended hardness and graded fillers.

Purpose

UCOGROUT-EP is meant for the precision grouting of crain, Tracks, heavy machinery, heavy duty rails, studs and dowel bars, fixing bolts and anchors. UCOGROUT-EP is also used for bonding concrete to concrete and concrete to steel.

Yeild

10 kg. pack yeild approx 5 ltrs of grout

Packing

10 kg. (3 components)

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 is a three component solvent-free prepacked ready to use high strength non-shrink pourable filled grouting system. UCOGROUT-EP has the better flow properties at lower temperatures, this improved fluidity together with its longer usable life enable it to be placed in awkward and inaccessible gaps.

UCOGROUT-EP is supplied as the resin hardner and filler. The grout has a creamy consistancy and his readily powered or trowelled when mixed.

UCOGROUT-EP has excellent bonding property with steel and concrete it has negligible shrinkness and UCOGROUT-EP is excellent chemical and weathering resistance.

Strength Results

Ultimate Strength	N/mm ²
at 30°C	
Compressive	100
Tesile	15
Flexural	40

Where to use

- * Machine based plates and crane-rail grouting.
- * Fixing bolts and anchors
- * Joining concrete to concrete and concrete to steel
- * Anchoring to steel reinforcements, girders and post-tensioned cables in concrete and stone.

Technical Data

Form	Liquid and Powder
Colour.....	Light brown
Density.....	Approx 108 kg /ltr
Pot life	30 mins at 27°C
Viscosity.....	135 poise at 15°C
Application Temp.....	10°C to 45°C

Method of use

1. Surface Application :
Surface should be sound, free from any contaminatios, laitance, oil and grease.
2. As supplied the grout consits of 3 components the hardner shouls be added to the resin and the two components thorouly mixed preferable with mechanical means until a uniform liqid is obtained then add filler and continue mixing until homogeneous flowing mortar achieved.
No surface priming is necessary the material should be allowed to stand for 5 mins. Prior to use to allow deaeration to occur for large volume apply in more than on layer.

Storage Life

UCOGROUT-EP may be stored for 12 months in manufacturer's unopened, sealed containers in dry condition above 10°C and out of direct sunlight.

Handling precautions

Cleanliness in handelling epoxy resins is essential to prevent skin irritation wear goggles use gloves.

Important Note :-

All product should be used in accordance with manufactures 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.