



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 - GP - 45

EG-131

A High Strength Cementitious Freeflow Nonshrink Grout

Advantages

- * Ready to use
- * High early and ultimate strength
- * Non Shrink
- * Good flow properties
- * Chloride free
- * Non Ferrous
- * Resistant to oil and water penetration
- * Slight expansion leads to superior bonding to Surrounding Materials
- * Excellent adhesion

Product

UCOGROUT-GP-45 is prepacked freeflowing non shrink high strength cementitious rheoplastic grout with wide range of applications.

Composition

UCOGROUT-GP-45 is a blend of modified special cements, expansion agent, fluidifiers and well graded aggregates free from corrosive substances.

Purpose

Ideally suited as a heavy duty grout for machinery, truck and crane, rails where complete filling of voids is needed.

Usage

One 25kg. pack of UCOGROUT-GP-45 will yield approximately 14.0 liters of grout

Packing

UCOGROUT-GP-45 is available in 25 kg, 50 kg. woven sacks/PVC laminated paper bag.

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-GP-45 a pre-mixed cementitious grout with both high early ultimate strength. UCOGROUT-GP-45 has excellent flow properties and will not shrink. UCOGROUT-GP-45 is suitable to use and only require the addition of water to produce a fluid grout. UCOGROUT-GP-45 is free from corrosive substance.

Properties

In common with other cementitious products the properties of UCOGROUT-GP-45 depend upon the water : cement ratio used.

UCOGROUT-GP-45 will stay pourable for approximately 20 minutes at 20°C any material unused after this time should be discarded.

UCOGROUT-GP-45 is suitable for use in gap widths of between 10-50mm for application below 10mm alternative material may be used. More detail please contact our technical department for material may be built up on layer not exceeding 50mm.

Alternatively UCOGROUT-GP-45 may be bulk out by the addition of approximately 6 kg. 6 mm peagravel to each bag. This will allow thickness up to 100mm to be achieved in one pour.

Where to use

- * Machine based plates
- * Columns in precast construction
- * Cavities, gaps and crane rail
- * Bridge bearing pads, boiler foundation
- * Grouting and guard rail assemblies
- * Grouting of tracks and transformers

Typical Strength :

Test age	Compressive strength (At w/p=0.19Kg/cm ²)
1 day	150
3 day	250
7 day	350
28 day	500

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.

Technical Data

Form	Powder
Colour.....	Gray
Pourable life.....	30 mins.
Water absorption.....	less than 2%
Density.....	2170kg/cm ²
Water per 25kg.....	4.75liters
Free Expansion.....	2 to 4 % in plastic state

Method of use

The substrate should be sound clean and free from contamination. Concrete and other mineral surface should be carefully pre washed and all surfaces should be carefully pre-washed and all surplus water removed, prior to the application of UCOGROUT-GP-45.

Use oil-free compressed air to blow out bolt holes etc. as necessary. ensure base plates, bolts etc. are clean and free of oil, grease and paints etc. Set and align equipments if shield are to be removed after the grout has set then lightly grease them to facilitate easy removal.

The UCOGROUT-GP-45 should be mixed with the correct amount of water preferably by mechanical means for minimum of 3 minutes Do not mix more material that can be used in 20 minutes. The powder should never be poured in to still water.

The fluid grout should be poured from one end only. Ensure that air displaced by the fluid grout is to escape when carrying out base plate grouting ensure sufficient grout head of pressure.

Storage Life

UCOGROUT-GP-45 has shelf life of one year it kept unopened.

Handling Precaution

UCOGROUT-GP-45 is alkaline and avoid contact with skin. Splashes should be washed off with water.