



## PRODUCT SUMMARY

www.uclidtechnology.com

# UCOGROUT - GP

EG-132

## HIGH STRENGTH 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 is pre-packed free flowing non-shrink, high strength, cementitious rheoplastic grout with wide range of applications

### Composition

UcogROUT - GP 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, tracks and crane rails where complete filling of voids is needed.

### Usage

One 25 Kg pack of UcogROUT - GP will yield approximately 13.5 litres of grout

### Packing

UcogROUT - GP is available in 25Kg, 50Kg woven sacks / PVC laminated paper bags.

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 is a pre-mixed cementitious grout with both high early and ultimate strengths.

UcogROUT - GP has excellent flow properties and will not shrink after placing.

UcogROUT - GP is simple to use and only requires the addition of water to produce a fluid grout. UcogROUT - GP is free from corrosive substances.

## Properties

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

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

UcogROUT - GP is suitable for use in gap widths of between 10-50mm. For applications below 10mm alternative materials may be used, please contact our Technical Department for material may be built up on layers not exceeding 50mm.

Alternatively ,UcogROUT - GP may be bulked out by the addition of approximately 6kg of 6mm pea-gravel to each bag. This will allow thickness up to 100mm to be achieved in one pour.

## Where to use

- \* Machins base plates
- \* Columns in pre-cast construction
- \* Cavities, gaps and crane rail
- \* Bridge bearing pads,Boiler foundations
- \* Grouting of stanchion bases struts railings and guard rail assemblies
- \* Grouting of tracks and transformers

### Typical Strength Results :

Test Age	Compressive Strength (W/P=0.16) kgs/cm <sup>2</sup>
1 days	250
3 days	400
7 days	550
28 days	700

### 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 .....Grey  
Pourable Life.....30 mins max.  
Water Absorption .....Less than 2%  
Density.....Flowable : 217kg/m<sup>3</sup>  
Plastic : 2250kg/m<sup>3</sup>  
Water per 25kg.....4Liters  
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 surfaces should be carefully pre-watted and all surplus water removed prior to the application of UcogROUT - GP.

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 paint, etc. Set and align equipment-if shield are to be removed after the grout has set, then lightly grease them to facilitate easy removal.

The UcogROUT - GP should be mixed with the correct amount of water, preferably by mechanical means, for a minimum of 3 minutes and a maximum of 5 minutes. Do not mix more material than can be used in 20 minutes. The powder should never be poured into still water.

The fluid grout should be poured from one and only. ensure that air displaced by the fluid grout is allowed to escape when carrying out base plate grouting Ensure sufficient grout head of pressure is maintained to keep grout flowing about 200mm. After grout is initially set keep the grout damp by covering with polythene or damp hessian.

## Storage Life

UcogROUT - GP has a shelf life of one year in manufacturer unopened sacks.