



UCOGROUT-INJ

EG-134

Expanding Grout Admixture

Product

UCOGROUT-INJ is a single pack powder Admixture which when added to cement produces a free-flow, high strength expansive medium.

Composition

UCOGROUT-INJ is a blend of plasticiser admixture and expansion agent with suitable filler.

Description

UCOGROUT-INJ is an admixture that has a dual action of allowing reduce water cement ratio and positive expansion counteracts the natural settlement and shrinkage of grout and aids stability and cohesion.

Technical data

Form..... Powder
Colour..... Brown
Chloride..... Nil
Expansion..... 4 % to 6 %
Time for expansion...15minutes to 120 minutes at 20 c
Compatibility..... With all types of OPC

Advantages

- High fluidity to make placement or injection of grout easy
- Reduced w/c ratio ensures low permeability and long-term durability.
- Chloride-free, Iron-free product
- Gaseous expansion system Gives positive expansion that eliminates shrinkage and giving excellent adhesion.

Purpose

Ideally suitable for injection grouting, bed grouting and infilling and jointing where reduced water / cement ratio and positive expansion is required.

Direction for Use

Cement grout
50 KG cement + 500 gm UCOGROUT-INJ + 15-18 litre water
Cement sand grout
50 KG cement + 500 gm UCOGROUT-INJ + 50 KG Zone-II sand +15-18 litre water

Where to use

UCOGROUT-INJ is used where a reduced W/C ratio and positive expansion is required like duet grouting, cable grouting, non shrink in filling injection grouting, pressure grouting and jointing.

Expansiveness

Positive expansion during setting leads to superior bonding to surrounding materials.

How to Use

500 gm of UCOGROUT-INJ is to be added to 15 KG cement bags as dry mix. Water to be added is 20-22 litres Areas to be grouted should be sound clean and free from contamination concrete

and mineral surface should be carefully pre-wetted and all surplus water removed prior to grout application.

The mix materials gradually added to the water and mix mechanically for 3 to minutes place the grout within 20 minutes of mixing to gain the full benefit of expansion process. Adopt usual pumping procedures to ensure continuous operation.

Dosage

500 gm per 50 KG cement bag

Packing

500 gm and 1 KG Pack

Storage

- UCOGROUT-INJ has a shelf life of 12 months from the date of manufacturing, if stored as per manufacturer's instructions & in manufacturer's original unopened packing.
- Keep away from direct sunlight and store in dry & shade.
- Protect from freezing and moisture.

Handling Precaution

- UCOGROUT-INJ is an industrial chemical; required handling precautions should be followed.
- UCOGROUT-INJ is non-flammable and doesn't contain any flammable ingredient.
- UCOGROUT-INJ is non-hazardous, however inhalation of its dust particles should be avoided. Use of facemask is recommended.
- Prolonged contact with skin should be avoided. Use rubber gloves and boots, when working overhead, goggles should be worn.
- Contact with eye should be avoided. If in contact with eye, wash with water and take medical advice immediately.

Important Note:

All products should be used in accordance with manufacturers instructions. Every effort is made to ensure that the information is reliable, however we do not accept any responsibility for any work carried out with our material(s) as we have no control over the method(s) used for application, site conditions, weather conditions, etc.

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