



HIND GROUT HS

PRODUCT DATA SHEET

HIGH STRENGTH NON-SHRINK CEMENTITIOUS GROUT

DESCRIPTION

Hind Grout HS is a Ultra High Strength, Free Flowing Non Shrink, and Chloride Free Grout, conforming to BS-1881, Part 116-1983.

USES

Hind Grout HS is used for grouting under the Bolt Pockets and base plate grouting of all equipments, grouting of foundation bolts for all types of machinery in cement, textile, paper & steel industries, bridge bearing pads, columns, precast construction.

ADVANTAGES

Hind Grout HS is an economical and easy to use material, requiring only addition of water. It is very easy to mix and placement can be done with high flow characteristic, rapid strength development, adjustable consistency and Compressive strength up to **70N/mm² (28 days)** is achieved. It does not segregate and bleed. It is impact and vibration resistant, non-corrosive to steel and iron, non-toxic and safe to handle.

APPLICATIONS

All grouting areas must be free from the loose concrete, oil, grease, and dust where **Hind Grout HS** will be placed. The grouting area to be saturated with water and it is to be ensured that no stagnant water is present before application. Add **Hind Grout HS** Powder to clean water as per the recommended dosages. Keep on mixing with a grout or concrete mixer till a smooth and even consistency is achieved. Mixed grout should be used within 15 minutes of preparation. After initial hardening of the grout, it should be kept damp either by wet hessian cloth or with water-ponding for a minimum of seven days. Water and Powder ratio varies from 0.12 to 0.13 depending on the consistency requirement of the site. 25 Kg of the material will yield approximately 12.0 Litre of Fluid Grout and 11.0 Litre of Plastic Grout mix respectively. Placing conditions including temperature may have to be assessed before pouring the grout at site. Small trial batches may be tried to ascertain best working consistency.

PROPERTIES

Aspect	Grey Powder
Density	2200 to 2300 Kg/m ³
Expansion	0.1 to 0.5%
Compressive Strength at 27 ° C (approx)	
After 3 days	40 N/mm ² (min)
After 28 days	70 N/mm ² (min)

SHELF LIFE

6 months from the date of manufacture in unopened condition. To be stored in a cool and dry covered space away from direct sunlight

PACKING

25kg in Poly lined HDPE Bag.

HANDLING PRECAUTION

Hind Grout HS is non-toxic and ingestion is to be avoided. If contacts with eyes occur, wash well immediately with water and seek medical advice.

Note:

- Hindcon Chemicals maintains a team of technically trained professionals to provide full support to your problems in construction, and recommend the correct product to suite your specific requirements. Our authorized applicators can attend your site for application of the products.
 - The content of the Technical datasheet are for general information and guideline. The results shown here are generated from our laboratory or from our site experiences.
 - Qualities of our products are maintained as per ISO9001:2008 recommendations and continuous researches. The behavior can change as per the prevailing conditions at the time of applications.
 - Since **HINDCON CHEMICALS LIMITED** has no control over the use to which the users may put the material, it does not claim or warrant that in the user's particular circumstances, the result that the user will obtain from the product will be the same as those described in this communication or that the user will find the information or recommendations complete, accurate or useful. The client must test and ascertain the safety and fitness for the product for use.
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