

PRODUCT DESCRIPTION: Fibgrout NSG is a cement and mortar with special additive admixture for pressure/injection grouting. By introducing into the cementitious grout it reduces water cement ratio and positive volume expansion can be achieved without segregation or bleeding. It also could be used to get water tight structures.

AREAS OF APPLICATION

- Bed Grouting
- Prestressed cable duct grouting
- Non shrink infilling & joints at RCC Hume pipes
- Rock & Sol anchoring.
- Tunnel linings
- Water Tank pressure grouting
- Flat as well as slopping roof
- Stationery machine foundation grouting.

ADVANTAGE

- Gaseous expansion to compensate plastic shrinkage of cement
- Reduce w/c ratio to ensure low permeability and increased cohesion
- Hydrophobic additives give better water tight structure
- Free of chloride
- Does not attack reinforcement or prestress cables.

APPLICATION METHODOLOGY

MIXING

No need to mix powder separately all ingredients perfectly blend in Fibrex factory or plant.

USE

Add material to the cement & water mix in the slow speed drill fitted with higher shear paddle mixer and homogeneously mix it for another 5 minutes. Required amount of graded sand may be added.

CLEAN UP

Clean tools and equipment with water before the material hardens.

PACKAGING

FIBGROUT NSG is packed in 12.5 kg bag.

STORAGE

FIBGROUT NSG has shelf life of 6 months if stored properly in original, unopened packing between +10° to + 45° in dry areas.

TECHNICAL SPECIFICATIONS

Apparance	Grey powder
Chloride Content	Nil as per ASTM C - 827
Compressive Strength	Increases due to reduced w/c ratio
Setting Time	Do not affect
Expansion	As per ASTM C-827. 1 to 4% unrestrained expansion to compensate for plastic shrinkage of cement. Time for expansion will be 15 minutes to 2 hours depending on temperature Exceeds tensile and shear strength of concrete
Bulk Density	1.15-1.2kg/l
Dose	0.8-2.0% by weight of cement or binder content
SBR Latex	8 to 10 ltr.
Water	8 to 10 ltr.

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

PRECAUTIONS

During mixing and application the following precautions should be observed: ensure adequate ventilation and avoid contact of the material with the eyes, nasal passages, mouth and unprotected skin. Avoid contact with the hands by wearing protective gloves, if necessary, a suitable barrier cream. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice and after contact with the skin wash immediately with plenty of soap and water (do not use solvents). Prolonged contact with the skin should be avoided, especially where the user has an allergic reaction. Always wear gloves and eye/face protection as necessary. Observe personal hygiene, particularly washing the hands after work has been completed or at any interruption whilst work is in progress. Care should be taken when removing gloves to avoid contaminating the insides. In case of accidents seek medical advice.

DISPOSAL / SPILLAGE

Spillage of any of the component products should be absorbed onto sand or other inert material and transferred to a suitable disposable vessel. Disposal of such spillage or empty packaging should be in accordance with local waste disposal authority regulations.

NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

DISCLAIMER:

Fibrex Construction Chemicals pvt. Ltd. products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

FIBREX OTHER PRODUCTS – WE DO

