

FIBGROUT-NSG

Plasticized Nonshrink Grout Admixture For Cement, Mortar & Concrete

DESCRIPTION

Fibgrout - NSG is a cement and mortar admixture for pressure/injection grouting. By introducing it 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 tube pipes
- Rock & Soil anchoring.
- Tunnel linings
- Water Tank pressure grouting
- Flat as well as sloping roof
- Stationary machine foundation grouting.

FEATURES & BENEFITS

- 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.

SPECIFICATIONS & COMPLIANCES

- Complies with BS 8110 part 1, 1985, section 8.9.4.6

TECHNICAL SPECIFICATIONS

Chloride Content Compressive Strength Setting Time Expansion

DOSAGE

- Nil as per ASTM C - 827
- Increases due to reduced w/c ratio
- Do not affect
- 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

APPLICATION INSTRUCTIONS

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.



PRECAUTIONS

- Store in dry place.
- Over dosing increases expansion and causes frothing
- Incompatible with high Alumina cement
- Compatible with all kinds of Portland cement including SRC (Sulphate Resistance Cement).

STORAGE

6 months in original packing. Keep in a cool, dry place, high temperature and humidity may reduce the time.

PACKAGING

5,20KG & Project Standard