



FLOW GROUT – 702

ULTRA HIGH STRENGTH, FREE FLOWING, NON-SHRINK CEMENTITIOUS GROUT.

Description: -

FLOW GROUT – 702 is based on specially processed cement containing fillers and additives. FLOWGROUT 702 is supplied as ready to use grout requiring addition of precise quantity of water at site (3.750 to 4 Liter/25 Kg Grout). FLOW GROUT 702 is suitable for gap widths of between 10mm-50mm.

Expansion:

Controlled expansion occurs in the unset material to ensure that the grout, when cured will continue to occupy its original volume within the confines of the voids in which it was placed. For thicker section it is necessary to fill out grout with well graded silt free aggregate to minimize heat buildup.

Benefits:

- *Prepacked. Factory controlled consistent material needing only addition of water.
- *Free flow^{ing} self-leveling grout.
- *Easy placement and filling of under bases of machinery.
- *Nonmetallic and chloride free.
- *Extend work time for easy placement.
- *Non staining.
- *Holds up to industrial machinery vibration and impact.
- *Excellent adhesion to concrete and steel.
- *Shrinkage offset by expansion to ensure original volume is retained.

Product:

A single pack ready to use, ultra high strength, free flowing, non-shrink grout. Flow grout 702 is a blend of specially processed cement and special fillers free from corrosive substances and additives.

Uses

Bolt pockets and base plate grouting of all equipment, crane, stanchion bases and all types of machinery with dynamic load.

Materials & Formulation

All materials are imported from **Germany, China, and Dubai & Formulated in Pakistan.**

Surface Preparation

All contaminated surfaces must be cleaned thoroughly by chemical or mechanical methods.

All bolt pocket and under bases must be free from dust. Laitance and of sound substrate. If needed, substrate with water to allow for absorption for at least 24 hours. Just before for grouting is to commence, all water must be removed completely leaving the surface only damp.

Mixing

Mechanical mixing using a grout mixer is recommended. No hand mixing is permitted. (1) Place 80 % of the water required in a concrete mixer [100% in case of grout mixer]. (2) Slowly add the requires amount of Flowgrout-702 while continuously stirring for 1 minute. Add balance quantity of water (20%) and mix for 3 to 5 minutes. The mixed grout must be placed immediately and grouting must be continued till the cavity is filled.

Typical properties.

The water needs to be precisely measured and 20 kg of Flow grout will require 3 liter for pourable consistency (W/P-0.16).

Strength

Compressive Strength of 28 days 56.6 N/mm sq.

Yield Per 20 kg: 10 Liter approximately

Pourale Life: 20 minutes

Application Temp: 10 to 40 Centigrade

Ultra High Strength. Free Flowing. Non – Shrink Cementitious Grout.

FLOW GROUT – 702