



High Tech Anchor Grouting



High Tech Anchor Grouting is a high performance, non-shrink, cementitious grout specially formulated for anchoring and injection applications requiring high early and ultimate strength. **High Tech Anchor Grouting** provides excellent flow, superior adhesion and is highly resistant to oil, water and chemical attack.

ADVANTAGES

- ✓ High flow capacity cement-based grout with non-shrink properties.
- ✓ Free of aggregates.
- ✓ Develops high early and final strengths with great adhesion.
- ✓ Impervious to water and extensively resistant to oil.
- ✓ Corrosion resistant.

SURFACE PREPARATION

All surfaces must be clean, sound, and free from dust, oil, grease, laitance or any loose material. For best results, roughen the surface to provide a mechanical key. Dampen standing water before grouting. For metal substrates; remove rust, oil, grease and other contaminants. Formwork should be watertight and strong enough to withstand the grout pressure.

PRODUCT PREPARATION

Use clean potable water for mixing. Slowly add **High Tech Anchor Grouting** powder to the pre-measured water while mixing continuously. Mix mechanically using a heavy duty drill with paddle or a grout mixer for 3–5 minutes to achieve a smooth, lump free and homogeneous consistency.

Recommended water : 4.8 - 5.2 litres per 20 kg bag

APPLICATION

Pour **High Tech Anchor Grouting** from one side only to ensure continuous flow and to avoid air entrapment. Maintain continuous pouring until the void is completely filled and the grout flows out from the opposite side. Do not vibrate or disturb the grout. For best results, use immediately after mixing.



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TECHNICAL DATA

Form	Grey Powder
Specific Gravity	1.20 (approx.)
Quantity of water per 20 kg bag (approx.)	4.8 – 5.2 litres
Consistency (Flow)	Flowable
Initial setting time	45 minutes (at 30°C)
Final setting time	600 minutes (at 30°C)
Compressive strength (ASTM C109)	24 hours : 4000 psi (approx.) 3 days : 6000 psi (approx.) 7 days : 7500 psi (approx.) 28 days : 9000 psi (approx.)
Adhesive tensile strength (ASTM C882)	28 days : > 2.0 MPa
Bond strength	28 days : > 1.8 MPa

*Results are based on laboratory tests at 30°C ± 2°C and 50% ± 5% R.H.
Actual results may vary depending on site conditions.

SHELF LIFE

High Tech Anchor Grouting

has a shelf life of 6 months from the date of manufacture when stored in original sealed packaging in a dry and sheltered place.

HEALTH AND SAFETY

High Tech Anchor Grouting is

non-hazardous for normal handling and use. Use gloves and safety goggles while handling the product. Avoid contact with skin and eyes. In case of contact, wash thoroughly with clean water. Refer to the Material Safety Data Sheet (MSDS) for more information.





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PACKAGING

High Tech Anchor Grouting is available in 20 KG Bags.



NOTE:

If printed bags are not available, neutral bags with label.

Lot number and manufacturing date to be stamped at the back of each bag.



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