

REBGROUT NM

PRODUCT DESCRIPTION

REBGROUT NM is specially formulated, ready-to-use, non-shrink, non-metallic, high early strength grout. It is designed for use at any consistency from extremely fluid to damp pack. REBGROUT NM contains only natural aggregates and provides a grout that is similar in appearance to concrete and mortar.

USES & APPLICATIONS

REBGROUT NM is used where shrinkage must be eliminated and where high strength is required. It may also be used for grouting precision machinery, base plates, anchor bolts, dowels, foundation underpinning, steel floor grids and structural columns. To protect rods from stress corrosion, REBGROUT NM is pumped into ducts or holes containing pre-tensioned rods. This also provides additional anchorage in the event of breakage from other causes.

REBGROUT NM is a ready to use grout that hardens without bleeding, settlement or drying shrinkage when mixed and placed, and because it is non-shrink, it can be pumped into intricate areas. This kind of grout develops high strength at fluid consistency without vertical confinement and more importantly, has high early ultimate strength. The following is the Strength development data of REBGROUT NM in conformance to ASTM C109.

DAYS	STRENGTH
1 Day	3,000 psi
3 Days	4,000 psi
7 Days	6,000 psi
28 Days	8,000 psi

INSTALLATION PROCEDURE

REBGROUT NM is ready to use and requires only the addition of water. No other materials should be added. For uniformity of mix, mechanical paddle or drum mortar mixers should be used. REBGROUT NM should be placed immediately after mixing. Do not mix more than can be placed within the allotted work time. The following is the recommended water requirements

PLASTIC: 3.5 liters water \pm 0.125 liters per bag
 FLOWABLE: 3.75 liters water \pm 0.25 liters per bag

The compressive strength of the grout is often the determining factor in deciding when loads can be subjected on the structural members or machinery that are grouted. The strength of the grout is dependent on the amount of mixing water, temperature of the object grouted, curing and the age of the hardened grout. Special formulation to attain higher strength and still maintaining non-shrink properties of RebgROUT NM may be made by consulting the manufacturer's representative.

COVERAGE & PACKAGING

COVERAGE: 0.012225 m³ to 0.01444 m³ per bag
 PACKAGING: 25 kgs. Per bag.

