



B/C® NON-METALLIC GROUTING COMPOUND (PRE-MIXED)

DESCRIPTION:

B/C Non-Metallic Grouting Compound (Pre-Mixed) is a combination of specially graded hard silica aggregates, portland cement and plasticizing, water reducing and shrinkage compensating agents. It is a ready-to-use product and it is only necessary to add clean water on the job.

The combination of the above ingredients produce high 1, 7, and 28 day strengths and a slight expansion from time of placement with no intermediate shrinkage occurring.

ADVANTAGES:

- Ready-to-use, free of settlement shrinkage and drying shrinkage
- Non-staining, similar in appearance to concrete and mortar
- High compressive strength without confinement
- Ideal for grouting and patching pre-cast and prestressed concrete

USE:

B/C Non-Metallic Grouting Compound (Pre-Mixed) is used for general purpose applications where a non-shrinking, non-staining grout is required. Applications include patching flaws in pre-cast concrete sections, grouting pre-cast sections at juncture points, grouting pre-cast roof "tees", repointing mortar joints and repairing structural cracks in decorative natural finish concrete and masonry walls. It can be used for all patching and grouting applications where a non-staining material is desirable.

MIXING DIRECTIONS AND YIELD:

For grouting applications where the clearance is 2" or less or for patching surface areas less than 2" in depth;

Mix 1 gallon of clean water to each 55 lb. bag of B/C Non-Metallic Grouting Compound. This mix will yield approximately 0.52 cu. ft. of flowable grout.

For grouting applications where the clearance is 2" or more or for patching surface areas more than 2" in depth;

Add 25 lb. of 3/8" aggregate to each 55 lb. bag of B/C Non-Metallic Grouting Compound with 5 quarts of water. This mix will yield approximately 0.68 cu. ft. of flowable grout.

PACKAGING:

B/C Non-Metallic Grouting Compound (Pre-Mixed) is available in 55 lb. polyethylene-lined bags.

DIRECTIONS FOR USE:

B/C Non-Metallic Grouting Compound (Pre-Mixed) begins to act as soon as water is added to the mix. This effects controlled expansion which continues until the grout makes contact with the confining surfaces, therefore, it is important to place grout as quickly and continuously as possible. Grout should not be unnecessarily overworked. Under no circumstances should the grout be retempered by the later addition of water.

All grouting should be done at normal concreting temperatures (60-75 degree F.). Higher temperatures may cause stiffening before the grout is fully placed. Lower temperatures may cause a delay in the setting time and the reduction of 1 day compressive strength. Do not mix more grout than can be placed in a period of 30 minutes.

Surface areas to be grouted should be thoroughly cleaned of dirt, laitance, loose material and defective concrete. Oil and grease, if present, must be removed. Surface area should be rough to assure a good bond with the grout. Remove all puddles and excess water from the surface. Remove dirt, grease, oil and paint from bed plates and anchor bolts. Set and align equipment, columns, etc. Anchor forms securely to prevent movement during placing and curing of grout. Eliminate sources of surrounding vibration during placing and initial curing of grout.

Soak slab with water for several hours prior to grouting, but, remove all surface water before placing grout. Grout should be thoroughly mixed in a mixing pan or an agitator-type mixer. Add approximately 2/3 of the total required water, mix for a short period of time, then add the balance of the water. Continue to mix for 3 minutes. Place grout continuously to prevent voids. Apply grout from one side or corner only. Grout can be poured, poked, pumped, dry-packed or vibrated into place.

B/C Non-Metallic Grouting Compound (Pre-Mixed) should be cured with wet burlap or sprayed with a liquid membrane curing compound.

Manufactured by **ADMIXTURES, INC., SHILLINGTON, PENNSYLVANIA 19607**

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