



DORON BUILDERS AND CONSTRUCTION SUPPLIES LTD. CO.

Lot 8 Blk. 1 Jasmin St., Sampaguita Subd., Camarin, Caloocan City
Tel. No. 962-2881 Telefax 962-2882 email: doronbuilders@yahoo.com

Product info

DORON C-GROUT

(Non-Shrink, Non-Metallic Cement Grout)

Complies with ASTM C-827; C-109 and-191

Complies with CORPS OF ENGINEERS CRD-C-621-80

DESCRIPTION: Is a uniform mixture of selected sand, Portland cement, water reducing shrinkage compensating agent. It produces high early and 28 days strength with a slight but positive expansion from time of placement with no intermediate shrinkage occurring.

USAGE: Is used for general purpose application where non-shrinking, non-staining grout of mortar strength required. It is suitable for use such as in machine foundations, rail beds, and columns in pre-cast construction, concrete anchors, bridge, bearings, cavities, gaps and recesses.

ADVANTAGE :Produces a stable concrete or mortar retaining expansive qualities far superior to that of the plain sand-cement mortar or grout, where high early strength, high ultimate strength, extended working time, dense, non-shrinking, non-toxic, non-corrosive and chloride and iron free are expected.

INSTRUCTION FOR USE:

A) Surface Preparation: Concrete surfaces should be clean, sound and free from oil, grease, cement, laitance and loosely adhering particles. Metal surfaces (iron and steel) should be free from scale, rust, oil, and grease. Absorbent substrates must be saturated thoroughly, but there should be no standing water.

B) Application: Soak area to grouted for at least an hour, remove excess water and provide form to retain grout. Ram or tamp mixture in place to level and fill all voids. Pour grout from one side to avoid excess air entrapment. Cure expose surfaces by the keeping moist for at least 48 hours. Do not mix more grout than can be placed in 20 minutes.

C) Mixing: Is a pre-mixed grout compound that is ready to use. Add water at time for use, mix the grouting compound uniformly and apply it. (Use potable or drinkable water as a precautionary measure.)

JESUS CHRIST ALONE SAVES



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SPECIFICATION: Is designed to comply with:

- A) ASTM C-827 (Non-shrink Performance: to ensure grout does not shrink below it's placement volume.)
- B) ASTM C-109 (Compressive strength, to ensure grout has sufficient strength for the intended application.)
- C) ASTM C-191 (Workability; to ensure grout has a minimum of 45 minutes working time before initial set.)

PERFORMANCE TEST DATA

A) Water requirements per bag of 25 kgs:

- A1) Trowable.....3.9 – 4.1 liters
- A2) Flowable.....4.2 – 4.4 liters

B) Set time at 100% flow (ASTM C-191)

- Initial Set (minutes).....56 minutes
- Final Set (minutes).....180 minutes

C) Compression Strength (ASTM C-109)

- 24 hours..... 3,500 psi
- 3 days.....4,900 psi
- 7days..... 8,500 psi
- 28days..... 10,500 psi

D) Volume Change ((ASTM C-109); (Corps of Engineers CRD-C-621-80)

- 6 hours..... +0.0007%
- 24hours..... +0.031%
- 3 days.....+0.0333%
- 7days..... +0.0350%
- 28days.....+0.0350%

- E) Yield at 100%Flow.....0.0130 cu. Meter per 25-kg.

Packaging: 25-kg. bag or pail

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