



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 EP-GROUT **Grouting and Injection Epoxy (Low Viscosity)** **(ASTM C-881; Type I; Grade I; Class C)**

DESCRIPTION: It is a two (2) component epoxy - resin system; solvent free; 100% solids and low viscosity.

USAGE: It is ideal for grouting, for repairing damage concrete with hairline cracks by epoxy injection.

RATION: Mixed by volume 1:1 (Part A - resin) + (Part B - Hardener)

PREPARATION: Must be clean and dry, by the maximum removal of laitance, grease, dirt, curing compounds, waxes, impregnations, foreign particles and disintegration materials by using a wire brush or air compressor if so desired.

MIXING PROCEDURE: For maximum result, use a cowles blade attached to an electric drill (or equivalent) with an rpm of 500-800. Blend thoroughly for about three (3) to five (5) minutes at room temperature.

Making Mortar: One (1) part of mixed epoxy + One (1) part of Pro-Silica No. 20 Mesh Silica sand containing over 90% of silicon dioxide, SiO₂, mix thoroughly until uniform epoxy mortar results. Aggregates must be oven-dry at time of use. (Note: variance may be 1:3).

Application: Fill cavity with mortar, tamp and strike off level with surrounding surface. To improve adhesion of epoxy mortar, prime with mixed epoxy prior to the application.

Effect of Mixing Temperature (Approximately)

Pot life of net	15 C	25C	35C
Doron EP-Grout	75 min.	60 min.	45 min.

Effect of Surrounding Temperature (Approximately)

Initial Cure	6 hrs.	4 hrs.	2 hrs.
Final Cure	2 days	1 day	1/2 day

RESULT: When mixed with dry aggregates, DORON EP-GROUT produces workable sag resistant mortar for overhead or vertical patching. Due to its non-sag consistency, it is therefore suitable for horizontal or overhead embedment of dowels, bolts and other anchors. (Note: thickness greater than 1/4 to 1/2 inch will slough or sag on vertical and overhead surfaces. Build up greater thickness of layers, and allow each preceding layer to reach initial cure prior to subsequent placement. One (1) gallon kit of DORON EP-GROUT mixed with one (1) gallon of pro-silica aggregates will yield approximately 1.8 gallons of epoxy mortar.

JESUS CHRIST ALONE SAVES



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CAUTION: Resin "A" Component (For Industrial use only)

Warning: May cause skin sensitization. Avoid inhalation of vapor. Use good ventilation particularly if material is heated or sprayed. Prevent all contact with skin or eyes. In case of contact with eyes, flush immediately with water and contact a physician.

Danger! Causes severe burns. Contains alkaline amines; strong sensitizing. Do not get into eyes, on skin, on clothing. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling.

FIRST AID: In case of contact, immediately flush eyes or skin with plenty of water for at least ten (10) minutes while removing contaminated clothing and shoes. Call a physician. Wear protective clothing, gloves or barrier creams and goggles.

PACKAGING: One (1) gallon kit

Keep away from children. Observe product caution!!!

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