

CAT. No. CONREP-15-2010

# PLEXIGROUT

## Flexible Cementitious Grout

**PLEXIGROUT** is a one-component, gray powder consisting of a special blend of cement, filler and polymer additives and only requires the addition of water at site to produce a flexible, waterproof non-shrink grout that can accommodate minor thermal or structural movement in small cracks or joints up to 10 mm width. It is also non-toxic and can be used in application directly in contact with potable water.

### USES

**PLEXIGROUT** is used to repair narrow cracks in masonry, plaster and concrete structures with little or no movement. It is also suitable for use in filling joints in hollow-core precast concrete slab element.

### DIRECTIONS FOR USE

#### SMALL CRACKS

- Using a disc grinder, cut through the cementitious substrate to a depth of at least 5mm alongside/ parallel to the cracks. Width of the repair area should be at least 10-15 mm. Chip-off the substrate using chisel and hammer. When repairing plaster, chip-down to full depth. When repairing surface cracks in concrete, chip own to at least 15 mm.

Thoroughly brush all dirt out of the cracks. Dampen cracks with water.

- Prepare ISOBOND bonding slurry by mixing 5 parts OP Cement, 1 part "ISOBOND" and 1.5 part water by volume. Mix well to a thick, creamy consistency.
- Put the required amount of water in a clean plastic container. Then slowly add **PLEXIGROUT** while mixing simultaneously with an electric drill fitted with a paddle running at slow speed. Allow to stand for 5 minutes then remix again.
- Apply ISOBOND bonding slurry onto the repair area using a small paint brush. Immediately apply **PLEXIGROUT** over the wet slurry and compact firmly with a small triangular trowel. Allow grout to firm up then finally finish with a steel trowel flushed level with the substrate.

#### JOINTS

Follow steps 2-4. Wash precast joints with water. While still damp, apply ISOBOND bonding slurry.

#### CURING

As with all cementitious products, cure immediately after finishing. When practicable, suitable protection are ISOCURE WB, polyethylene sheets, and wet hessian maintained continuously wet.

#### PACKING/ COVERAGE

Pack Size	Mixing Water	Approximate Yield
10 kg	up to 1.25 liters	6.25 liters
20 kg	up to 2.5 liters	12.5 liters

(Note: Small quantities can be mixed using volumetric measure. Use approximately 5.5 parts powder against 1 part water by volume).

### **SHELF LIFE**

At least twelve (12) months when stored in warehouse condition in original packing.

### **HEALTH/ SAFETY**

Avoid inhaling powder dust. Always wear dust mask and protective coveralls. Splashes to the skin should be cleaned-off with water and soap before grout dries. Refer to MSDS for more information.

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Technical information, data are to be considered as typical values and not sales specification. Actual measured values may vary due to factors beyond our control. Indications concerning function and application of the products are empirical. Although the information is believed to be accurate, there is no warranty by ISOLA. None of the recommendations becomes part of the warranted quality of the products. Due to the fact that the conditions of individual use are beyond ISOLA's direct and continuous control, ISOLA disclaims all responsibility in connection with the use of its products and does not warrant against any loss direct or consequential

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