



DuROCK TOPPING CRETE
CONCRETE SURFACE RESTORATION

1. PRODUCT DESCRIPTION:

Topping Crete DM217 is a multi-component cementitious compound of finely graded silica aggregates plus other additives to provide a highly balanced formula, for a highly rated performance.

2. TECHNICAL DATA:

Topping Crete Design Mix provides an easy to trowel on plastic mix from thicknesses of 1" to a feather edge. Test data carried out at Ortech Corporation resulted in superior qualities as follows: Compressive, flexural, tensile and shear bond. Low moisture absorption and an excellent freeze-thaw stability.

TEST DATA:

PSI: 1 day	1215 psi
3 day	1848 psi
7 day	2650 psi

SHRINKAGE:

1 day	0.011
2 day	0.026
5 day	0.079
7 day	0.097

FREEZE-THAW RESISTANCE:

5-10-15-20-25 Cycles ASTM C 67
No visible change in appearance and no loss in weight.

SCALING RESISTANCE TO DEICING:

Chemicals as per ASTM C 672
5-10-15-20-25 cycles. Rated "D" no scaling. Water absorption 14 days average 6.2.

BOND STRENGTH

After three days curing, the bond strength is greater than the inherent flexural strength of the concrete brick. Breakage occurred within the brick itself rather than at the bond interface between the Topping Crete and the surface of the brick.

3. DESIGN MIX:

1 Bag Topping Crete DM 217 -- 25 kg.
DuRock Pure Cement Binder 48% 2 Lt/bag.

Do not mix more than can be used in 1 hour at normal temperatures. Keep mix covered from direct sun exposure when not in use.

4. APPLICATION:

- A. Surface preparation - to be repaired must be structurally sound. Clean and free of dust, dirt and other deleterious mater, by abrading sand blast or chemical sprays.
- B. When rebars are exposed, clean and prime with a brush on slurry made of Topping Crete and DuRock Acrylic modifier to provide a high bond to the rebar.
- C. Surface which is highly eroded, remove all loose particles then use a two coat application. First

- a brush-on slurry mix, then followed by a trowel finish mix.
- D. For holes, cracks, etc., more than 1" deep, apply in two coats. Allow 1 hour between coats.
 - E. Floor areas may be open to traffic within 24 hours.
 - F. For rapid use of surface use DuRock Quick Set Patch. Hardens in 1 hour and must be applied in 25-30 minutes.

5. CLEAN UP:

Topping Crete when mixed with the DuRock modifier binder must be cleaned with cold water as soon as possible after use. Normal cautions should be used in handling cementitious Topping Crete. If your skin is sensitive to cement, wear gloves. Avoid contact with eyes or prolonged contact with skin. In case of contact, flush with water. Should eye contact occur get prompt medical attention.

6. WARRANTY:

The recommendations, suggestions, statements and technical data are based on our best knowledge as provided by test results in this data sheet. All components used in the manufacturing of this product meet and exceed the required standards. All DuRock products are manufactured with the finest raw materials, under exacting care to produce products of the highest quality. DuRock fully guarantees its products when applied in accordance with manufacturer's printed instructions. Results of improper mixing, incorrect application and other factors beyond the manufacturer's control cannot be held to be the manufacturer's responsibility. No responsibility can be accepted beyond the purchase price of the product.