

CCA R-CEMCOAT AID



PRODUCT: R-CEMCOAT AID

DESCRIPTION: R-CemCoat Aid is a dry polymer admixture for cement-sand coatings, plaster and mortars. The primary function of the admixture is to produce waterproofing properties, however, it also improves bond strength, tensile strength and durability. The polymer admixture enables the contractor to use the optimum amount of polymer in the coating. (R-CemCoat Aid is also available as a blended product: sand - cement and R-CemCoat Aid R-CemCoat Blend).

USES: Admixture for producing cement-sand waterproof coatings over concrete or masonry structures. The coatings may be used below or above grade. Typical below grade applications include retaining walls, foundation walls, fountains, planters and under tile.

Above grade applications include decorative and protective coatings for concrete block, cement plaster concrete and brick. R-CemCoat Aid is especially effective in producing premium quality decorative cement finishes. R-CemCoat Aid may be used in water retaining structures such as pools, fountains and ponds.

ADVANTAGES: R-CemCoat Aid uses high quality polymer waterproofing technology. These polymers offer longer term protection than sterates, which tend to be fugative. As an admixture it provides convenience, versatility, economy and a superior finished product. The cement-to-cement bond enhanced with polymers produces a coating which becomes a part of the substrate. The bonding properties, the ph compatibility and the water repellent properties make it a superior decorative finish for concrete, plaster and masonry. The dry powder is not susceptible to freeze-thaw damage.

Other key advantages:

- Waterbased - easy application
- Becomes integral part of the substrate
- High bond Strength
- Longer life expectancy
- Excellant waterproofing properties
- Decorative or below grade applicaitons

COVERAGE: Mix ratios and coverages:

Waterproof Coatings: (By volume)	25 lbs. R-CemCoat (1) 50 lbs. Cement (1) 50-100 lbs Clean sand (1) 4 1/2 - 5 gal. water
Damproof coatings: (Approx.by volume)	25 lbs.R-Cement(1) 100 lbs. Cement (2) 100 lbs clean sand(2)
Decortative Finishes:	25 lbs. R-CemCoat 50-100 lbs. Cement 50-100 lbs. Clean sand Color pigment if required
Plaster Mortars:	25 lbs. R-CemCoat 100-200 lbs. cement 300-600 lbs. clean sand

Cement shall be grey or white. Type I, II, III or V conforming to A.S.T.M. C-150.

Sand shall be a silica sand or a clean masonry sand conforming to A.S.T.M. C-144. For waterproof coatings the sand shall be 30-60 mesh. Decorative finishes may be made with a fine mesh (200-100) up to a masonry sand depending on the texture desired.

Coverage: For waterproof coatings coverage is approximately 100-200 sq. feet per coat per 50 lbs. of coating) - 2 coats required.

APPLICATION: (Waterproof coating)

Surface preparation: All surfaces must be structurally sound, free of any curing compounds, grease, oil, dirt or any bond inhibitors. Smooth surfaces should be roughened or etched to aid in bonding. Priming the substrate may also be beneficial in some applications (R-Crete PolyCross Polymer). Repair all cracks and holes with an appropriate repair material. Dampen the substrate just prior to application (no standing water).

Mixing: R-CemCoat Aid may be mixed in a plaster mixer or with a power drill. Slowly add R-CemCoat to clean potable water and thoroughly mix. Add cement and clean sand at the recommended ratios. A 30-60 mesh silica sand is recommended, however, a clean properly graded masonry sand may be used. Mix for a minimum of 5 minutes being careful not to entrain excessive air. Allow to set 10 minutes and then retemper prior to use. Consistency should be that of a pancake batter.

Do not overwater.

Placing: Two coats are recommended for proper waterproofing. Cementitious coatings may be applied with a heavy fiber brush, roller, trowel or spray equipment. Apply coating to a damp surface making sure all areas are thoroughly covered. Allow first coat to dry prior to second coat. The finished coating should be damp cured for a period of three days after application. Do not apply in excessive heat, cold, wind or other conditions which may affect performance.

LIMITATIONS: Must follow mix ratios and mixing instructions for intended purposes. Do not apply in extreme heat, cold or wind. Coating will not bridge cracks in the substrate. Avoid application with excessive hydrostatic pressure.

PACKAGING: R-CemCoat Aid is packaged in 25 lb. weather resistant paper bags.

R-CRETE INC
P.O. Box 80286
Rancho Santa Margarita, CA 92688
949-888-8401 Fax 949-858-5720