

FIRMACRYL™

LIQUID, ACRYLIC POLYMER-EMULSION BONDING ADMIXTURE

WALL FIRMA, INC.

Waterproofing and Repair Products Since 1949.
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FOR CEMENTITIOUS PRODUCTS

DESCRIPTION:

Firmacryl is an acrylic resin-based bonding additive specially formulated to promote extra bonding qualities between new and old concrete, plaster, stucco, and other cementitious masonry surfaces.

USES:

Firmacryl will add extra bonding qualities to all cement based materials when application is to be made over dense concrete or masonry surfaces. Firmacryl can also be used as an additive to Sunny Dry and Wall Dri Waterproof Cement Paint to promote adhesion to surfaces that have had prior coatings of paint applied. It is an excellent additive for Portland cement based mixes and toppings for patching or resurfacing concrete floors, sidewalks, and driveways.

APPLICATION:

Make sure surface is clean. The following must be removed for good bonding: Laitance, efflorescence, dust, dirt, loose materials, oil and greasy compounds. Slightly dampen the surface, but do not leave any standing water.

Thoroughly stir Firmacryl just before using. Then add to concrete mix in a clean container and stir slowly. In hot, humid weather, add a little water to make the mix workable. Do not overmix, 1 - 2 minutes is sufficient.

Brush on a slurry coat of the mix. Eliminate any air pockets in slurry coat.

Quickly place mix into area to be repaired.

Trowel mix into area. Use light pressure. Do not over-trowel. If necessary, light re-troweling may be done in 10 - 20 minutes, by retempering surface lightly with water.

In hot, humid, or breezy weather cover patch with wet burlap.

Under normal conditions, 24 - 48 hours is necessary before resuming normal traffic. In heavy traffic areas, a 3 - 5 day curing cycle is necessary.

MIXING INFORMATION:

Concrete Patching - for tough bonding applications, mix full strength Firmacryl with the sand/cement mix. (1 gallon Firmacryl to 45# Cement/Sand Mix or 80# Concrete Gravel Mix.)

In other applications, mix two parts Firmacryl to one part clean water.

PROTECT FROM FREEZING!

If this material freezes, place material in warm spot to thaw. Do not use direct heat to thaw. If Firmacryl is stirrable after thawing, bonding qualities have not been impaired.