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TECHNICAL DATA

AC 402 ACRYLIC MASONRY SEALER

COATING DATA

DESCRIPTION:

AC 402 Acrylic Masonry Sealer is a clear, penetrating chalk sealer and surface conditioner. This product, applied to slightly to moderately chalky previously painted surfaces will bind the chalk, providing a sound substrate for painting. AC 402 will also improve the adhesion of non-penetrating coatings to chalky or dusty surfaces.

USE:

AC 402 Acrylic Masonry Sealer may be used as a chalk sealer for previously painted surfaces such as wood, stucco, masonry and block surfaces. It may also be used to improve adhesion over weathered, unprotected concrete, stucco and brick.

LIMITATIONS:

AC 402 Acrylic Masonry Sealer should be top coated within seven days of application or surface may need to be re-cleaned. KEEP FROM FREEZING. Not recommended for immersion service. Moderately to heavily chalked surfaces should not receive AC 402 Acrylic Masonry Sealer without prior surface preparation.

SURFACE PREPARATION:

Surface must be dry and free of dirt, oil, fallout, laitance or other contaminants. **Masonry, Concrete**—Masonry and concrete surfaces should be clean and dry, free of oil and grease. Remove loose particles, laitance, efflorescence, and other foreign materials by wire brushing or other effective means. Surfaces with a heavy chalk face should be pressure washed or sandblasted.

COVERAGE:

Theoretical—400 ft² per gallon. Coverage will vary due to texture and porosity of substrate.

DRY FILM THICKNESS:

0.5 mils per coat.

WET FILM THICKNESS:

2.0 mils.

APPLICATION DATA

APPLICATION:

Airless Spray—0.35 gallon/minimum with .013-.015 tip, maintain 1500 psi operating pressure. **Conventional Spray**—Follow the instructions of equipment manufacturer for water borne sealers. **Roll**—Use a good quality 1/4" to 3/4" synthetic nap roller cover. Do not overspread. **Brush**—Use 4" nylon or foam brush.

THINNING:

Thinning is not recommended. Thin as necessary up to 10% by volume with water. Clean with warm water and soap.

CLIMATE:

Use this product only if the substrate temperature and ambient air temperature is above 40°F and is expected not to decrease for at least two hours after application. Also, the substrate temperature must be 5°F above the dewpoint for a period of at least two hours after application to avoid condensation occurring on wet paint.

DRY TIME:

TO HANDLE—One hour minimum.

TACK FREE—One hour.

TO RECOAT—4 hours at 80°F. **Note:** Lower temperature, higher film build, and/or poor ventilation will retard dry time.

PHYSICAL DATA:

VOLUME SOLIDS: 25% ± 2%

SOLIDS BY WEIGHT: 27% ± 1%

WEIGHT PER GALLON: 8.6 ± .2 lbs per gallon

VOLATILE ORGANIC CONTENTS:

Mixed unthinned - < 1.0 lbs/gallon; < 120 grams/liter

Mixed thinned 10% - < 1.0 lbs/gallon; < 120 grams/liter

SAFETY DATA:

This product is formulated free of lead, chromates, mercury or other toxic pigments. See product label for safety and health information. Individual Material Safety Data Sheets are available upon request.