TECHNICAL DATA SHEET

WALL COAT™
CERAMA - SHIELD
100% ACRYLIC SATIN ENAMEL
(Meets Federal Specification TT-P-19D)

PRODUCT DESCRIPTION: A high performance, 100% acrylic exterior wall coating that contains many performance characteristics not found in common house paints. It contains advanced ceramic microspheres which aid in protecting the film from abrasion, impact, and thermal transmittance. Mildew and fungicide inhibitors reduce mold growth and Cerama-Shield resists dirt and grime and is easily cleaned. Cerama-shield supports superior adhesion and cohesion. It resists water penetration from wind driven rain while remaining highly breathable, and does not crack, chip, peel or chalk.

BASIC USES: For industrial, commercial, and residential applications to provide excellent weathering, gloss and color retention. Cerama-shield is mildew and algae resistant (on the paint film only) and provides excellent long-term elongation and flexibility. This product meets Federal regulations for lead and heavy metals, low VOC's and air-pollution laws. For best waterproofing protection a high build application system is recommended.

VECHICLE: 100% Acrylic

SIZES: 250 gallon totes, 5-gallon pails, 55 gallon drums

FINISH: Satin (8 - 15 Gloss Unit) @ 60° Geometry

COLORS: White and four tint bases to prepare custom colors from the COLOR TREND SYSTEM.

TECHNICAL DATA

VISCOSITY: 115-130 KU'S

PERCENT SOLIDS (by weight): 67% (varies with colors)

PERCENT SOLIDS (by volume): 54% (varies with colors)

BREATHABILITY: 18 perms

ELONGATION: 250%

VOC LEVEL: Under < 101 g/L

IMPACT RESISTANCE: 40 inch-pounds of impact.

OPACITY: 0.98

RECOMMENDED COVERAGE: 80 sq.ft/gal @ 11 mils wet.

WET FILM THICKNESS: Recommended: 11 mils wet per coat (two coats recommended).

APPLICATION

SURFACE PREPARATION: Thoroughly wash exterior walls following MPI guidelines to remove all dirt, chalking, efflorescence, mold and mildew. Sand and scrape surfaces as necessary. Degloss all glossy surfaces by sanding or applying appropriate chemicals prior to washing. Caulk all joints, cracks, and voids with elastomeric caulking. Prepare all metal surfaces with appropriate rust inhibiting primer. Ensure surface is clean, sound and dry with a moisture content below 15%.

APPLICATION Shake product 3-5 minutes prior to use. When unable to shake, mix with appropriate mixing blade for 5 minutes to ensure proper consistency. Apply one liberal coat of TiO2 Base Coat Primer to all surfaces and allow to dry for 4 hours. Apply the first coat of Cerama-shield 10-12 mils wet mils thick and back-roll with appropriate size nap roller to ensure coverage of all voids. Allow 24 hours dry time. Apply the second (finish) coat of Cerama-Shield 10-12 mils wet thick while keeping a wet line to avoid streaking.

Do not apply when surface or air temperature is below 50 degrees or above 90 degrees. Avoid application in direct sunlight as this may cause premature surface drying or flashing. Clean brushes, rollers, or sprayers with soap and water. This product contains agents which inhibit mold and mildew growth. Do not allow to freeze.

MIXING: Always mix thoroughly before application.

METHOD OF APPLICATION: Use a good quality brush, a lambskin 3/4" Nap Rough Surface Roller, or airless spray pump with a tip of .026 to .035 will be adequate.

THINNING: Not generally recommended, but if necessary, add water up to 8 oz. per gallon. Do not mix with solvent or solvent thinned paints.

DRYTIME: Sets to touch in 30 minutes at 77° F and 50% relative humidity. Allow twenty four (24) hours drying time to recoat.

CLEAN UP: Wipe off drips and spatters with a cloth wet with soap and water. Clean all equipment immediately with warm soapy water. Completely flush all spray equipment with same.

PRECAUTIONS: Do not apply if temperature of air or surface is below 50° F (10° C). Stop painting at least two (2) hours before you expect dew to form, rain or the temperature to drop. **KEEP FROM FREEZING!**

CAUTION: Do not take internally. Close container after each use. KEEP OUT OF THE REACH OF CHILDREN.