

THIS PRODUCT IS FOR PROFESSIONAL APPLICATION ONLY, NOT FOR USE BY THE GENERAL PUBLIC



INSUL-SHIELD® *Platinum*
**Our Best Waterproofing Ceramic with
Urethane Coating System**

PRODUCT DESCRIPTION:

This is a bright white, Matte Finish, proprietary blend acrylic resin with urethane, insulating ceramic, Protective Waterproofing Coating, Industrial Maintenance Coating and **ENERGY STAR®** Roof Coating. An acrylic urethane waterborne, latex based, high build formula that provides waterproofing, insulating and soundproofing performance in a beautiful protective finish. Innovative technology combines an optimum blend of 100% acrylic and urethane resins to result in an extremely durable, waterproofing elastic film that has excellent resistance to thermal shock by expanding and contracting with hot and cold temperatures, but also has good impact resistance and excellent chemical resistance. This unique blend of resins gives longevity to the coating with exceptional dirt pickup resistance plus excellent scratch and mar resistance. A self-priming coating that forms a thick rubber like ceramic shield of protection that actually becomes part of the substrate due to excellent adhesion and bonding. This product offers superior mildew resistance, corrosion resistance, ceramic insulation & soundproofing, excellent adhesion, ultraviolet ray reflectivity and a beautiful Matte Finish. Qualifies for a CLASS A Fire Rating. Designed as an insulating, energy saving, industrial maintenance coating that will reduce costly maintenance, repairs and frequent repainting on most any surface or substrate. This coating system will provide many years of durable protection and outstanding beauty. Platinum is also available in Satin Finish.

For addition protection: Ask about our Fade Tech® Cool Color Technology using IR Heat & Energy Saving Pigments

Warranty: 20 year limited labor and material when applied by Certified Applicators (see sample warranty for details).

PRODUCT USES:

Insul-shield® *Platinum* can be used on equipment, walls, pipes, holding tanks, roofs, etc. Excellent adhesion on most any surface including: weathered wood shakes, plywood, clapboard, primed metal, galvanized, primed synthetic or aluminum siding, aluminum, tin, copper, asbestos, asphalt, urethane, polyester, primed Styrofoam, abode, brick, stucco, concrete, clay, masonry, slate, slab and various other substrates. For interior or exterior use on residential, commercial and industrial applications.

Roofs: Recommended for well-draining, SLOPED roofing surfaces only (as detailed Warranty Compliance Information Section).

SURFACES PREPARATION:

Trenching is necessary to form a complete seal. If applicable, trench 4 to 6 inches around the perimeter of the structure. Prepare Exterior Surfaces by thoroughly pressure washing (as detailed in the Certified Applicators Guidelines) to remove any loose previous coatings, dirt, grease, and any other foreign materials, especially algae, mold and mildew. *Platinum* will resist mildew growth, but will not kill existing on the surface. Clean Interior Surfaces by washing off dirt, grease, soap and oil build-up with a household cleaner and water. Rinse thoroughly. If after cleaning, there is still chalk present or existing coating is compromised, apply a coat of ULTRA PRIME™ Primer Sealer before the application of *Platinum*. Patch any holes, cracks, seams, imperfections, etc., with Life Time Urethane caulking and/or PERAPATCH™, Waterproofing Caulk and Sealant.

Metal: Clean surface of all grease, oil and foreign matter before priming. Rusted metal and uncoated metal must be primed with METAL-PRIME RED OX™, a Red Iron Oxide Primer Sealer. Use a degreaser on galvanized or coated metal which have oils or surface treatments. Check *Platinum* adhesion on galvanized or coated metal by applying to a small area and evaluating after 48 hours. If lack of adhesion is present after evaluating, metal must be lightly scuffed without penetrating the coating finish or galvanizing. Spot repair with primer if applicable.

APPLICATION PROCEDURE:

Stir well before using. Do not thin, use product as is. Do not apply when temperatures are below 45 degrees Fahrenheit or when humidity is very high. Do not apply when coating will be subjected to rain or heavy dew before it has enough time to dry (approx. 2 to 4 hours). Dry time will vary depending on temperature, humidity and location. Apply by airless spray /and or backrolling. Brush and roller application may be acceptable with prior approval. Spread coating uniformly. Spread rate will vary depending on surface. Apply one coat between 20 to 24 mils wet film thickness using the "cross" spray pattern (4 directions) for a minimum 10 to 12 mils total dry thickness.

Clean Up: Clean up all spills, tools and overspray immediately while the coating is still wet with warm soapy water.

Ambient Temperature of 77° and RH of 50% **TECHNICAL SPECIFICATIONS:** Rates & Times May Vary Beyond Specifications

FINISH: Matte COLOR: White, Deep & Clear Base SPREAD RATE: 150 to 250 sq. ft. /gal. DRY TO TOUCH: 2 to 4 Hours

RECOAT: 12 Hours CURE TIME: 5 to 7 days SOLIDS BY VOLUME: 41% ± 5% PERMEABILITY: 23.20 PERMS

V.O.C's: .38 lbs./gal * 45 g/liter SIZES: 1 Gal., 5 Gal., 55 Gal

INSULPRO® PAINTS

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