



ELASTOMERIC CERAMIC with URETHANE
ULTRA KOTE XL™
 MAXIMUM CERAMIC INSULATING INDUSTRIAL
 MATTE FINISH PROTECTIVE COATING
 PERFORMANCE UPGRADE COAT or MID COAT**



20 YEAR*
 LIMITED
 MATERIAL
 WARRANTY
*10 Years on Roofs

**PRODUCT
 DATA**
#4030
03/21/18
superseding: 03/27/13

PRODUCT DESCRIPTION:

ULTRA KOTE XL™ is a bright white, matte finish, elastomeric acrylic with urethane, superior insulating ceramic, Protective Waterproofing Coating and Industrial Maintenance Coating and ENERGY STAR® Roof Coating. An elastomeric acrylic urethane waterborne, latex based, high build formula with the maximum concentration of ceramic borosilicates and ceramic pigments that provides waterproofing, insulating, and soundproofing performance in a beautiful protective finish. Innovative technology combines an optimum blend of elastomeric, 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. 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. ULTRA KOTE XL™ offers unsurpassed ceramic insulating, soundproofing & heat dissipation properties, superior mildew resistance, corrosion resistance, excellent adhesion, ultraviolet ray reflectivity and a beautiful matte finish. Excellent scratch and mar resistance. Qualifies for a CLASS A Fire Rating. High reflectivity and Maximum ceramic content contained in ULTRA KOTE XL™ allows it to reflect, absorb and dissipate heat, providing outstanding insulation properties. Designed as an insulating, energy saving, industrial coating that will reduce costly maintenance, repairs and frequent repainting while providing energy savings and soundproofing. This easy to apply coating system will provide many years of durable protection and outstanding beauty. Excellent as a performance upgrade coat** used with most ULTRA PRODUCTS as a First Coat or Middle Coat. A TWENTY YEAR LIMITED MATERIAL WARRANTY is available when product is applied according to Manufacturer's Specifications and a Warranty Registration is completed and approved within 90 days of application.

**OPTIONAL CERAMIC PERFORMANCE UPGRADE COAT: Increased Ceramic Performance Properties with ULTRA SEAL™, ULTRA SATIN™ or ULTRA KOTE™.

PERFORMANCE UPGRADE MID-COAT: Use ULTRA PRIME™, then ULTRAKOTE XL™, then top coat of either ULTRA SEAL™, ULTRA SATIN™ or ULTRA KOTE™ as Final Color Coat. (Qualifies for the Final Coat's Product Warranty).

PERFORMANCE UPGRADE FIRST-COAT: Use ULTRAKOTE XL™ then top coat of either ULTRA SEAL™, ULTRA SATIN™ or ULTRA KOTE™ as Final Color Coat. (Qualifies for the Final Coat's Product Warranty).

PRODUCT USES:

ULTRA KOTE XL™ 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, adobe, 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.

SURFACE 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 with a water and chlorine solution (unless previously done before primer coat) using at least 1500 P.S.I. to remove any previous coatings, dirt, grease, and other foreign materials, especially mold, mildew and algae. ULTRA KOTE XL™ will resist mildew growth, but will not kill mildew already on the surface. Clean Interior Surfaces by washing off all dirt, grease, soap and oil build-up with a powdered household cleaner and water. Rinse thoroughly. Remove loose paint and powdery substances. 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 ULTRA KOTE XL™. Patch any holes, cracks, seams, imperfections, etc., with PERMAPATCH™, Waterproofing Caulk & 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 metals which have oils or surface treatments. Check ULTRA KOTE™ 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 coated finish or galvanizing. If applicable, use METAL-PRIME RED-OX™ to spot prime the penetrated areas, then use ULTRA PRIME™ Primer for entire coated or galvanized surface.

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 had enough time to dry (approx. 2 to 4 hours). Drying time may vary depending on temperature, humidity and location. Apply using brush, roller or spray. Spread coating uniformly. Spread Rate will vary depending on surface. Apply each coat between 12 to 16 mils wet film thickness. Wait at least 12 hours before applying a second coat. Two coats resulting in a minimum 16 mil total dry film thickness are required for the TWENTY YEAR LIMITED MATERIAL WARRANTY.

Airless Sprayers: Use at least a 1 gallon per minute piston type airless sprayer with a minimum tip size of .025. Remove all line filters and gun filters before spraying.

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

As an ENERGY STAR® PARTNER, Nationwide Protective Coating Mfrs., Inc. has determined that this product meets or exceeds the ENERGY STAR® guidelines for Energy Efficiency.

Ambient Temperature of 77°F and RH of 50%

TECHNICAL SPECIFICATIONS:

Rates & Times May Vary Beyond Specifications

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|----------------------|------------------------------|----------------|-------------------------|
| FINISH: | Matte | SPREAD RATE: | 100 to 150 sq.ft./gal. |
| COLOR: | White Base | DRY to TOUCH: | 2 to 4 Hours |
| VEHICLE TYPE: | Copolymer Emulsion | RECOAT: | 12 Hours |
| SOLIDS by WEIGHT: | 59% +/- 2% | CURE TIME: | 5 to 7 Days |
| SOLIDS by VOLUME: | 48% +/- 2% | SIZES: | 1 Gal., 5 Gal., 55 Gal. |
| V.O.C.'s (averages): | .38 lbs./gal. • 45.0 g/liter | GALLON WEIGHT: | 10.5 lbs. +/- .3 lbs. |

Information presented on this Data Sheet has been compiled from sources to be reliable, and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.

In Any Event Nationwide Protective Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.