



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



15 YEAR*
 LIMITED
 MATERIAL
 WARRANTY
*10 Years on Roofs

PRODUCT
 DATA
 #4030
 06/20/07
 superseding: 02/13/07

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. 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 FIFTEEN 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 (see Warranty Compliance Information Below).

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 (see Warranty Compliance Information Section Below).

****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).

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, 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 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 FIFTEEN 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 Chemical Coating Mfrs., Inc. has determined that this product meets or exceeds the ENERGY STAR® guidelines for Energy Efficiency.

WARRANTY COMPLIANCE INFORMATION:

The ULTRA KOTE XL™ LIMITED MATERIAL WARRANTY (Roofs 10 Years / All Other 15 Years) is for Product Only and applies to chipping, cracking and peeling, only. Labor is not covered by this warranty. This product is not guaranteed to stop or prevent leaks; all leaks must be repaired prior to the application of any coating. The WARRANTY is available only when product is applied according to Manufacturer's Application Procedures and Strict Material Requirement Specifications and a Warranty Registration (and a Job Completion Form if coated area exceeds 10,000 square feet) is submitted to Manufacturer within 90 days of completed coating application date (Application Procedure Sheets available upon request).

The ULTRA KOTE XL™ roof application is for WELL DRAINING, SLOPED ROOFING SURFACES ONLY and requires a PRIMER COAT of PERMABOND™ or METAL-PRIME. Slope of roof must be greater than 1" per 24" or an angle greater than 4 degrees, otherwise inquire about PERMAKOTE PLUS® Limited Ponding Water Roof Coating for Flat Roofing Surfaces.

MIL THICKNESS: Primer is optional but recommended (primer is required on roof applications). Use either ULTRA PRIME™ for Walls, PERMABOND™ for Roofs or METAL-PRIME for exposed or unprimed Metal. The primer coat and two coats of ULTRA KOTE XL™ must result in a minimum 20 mil total dry film thickness. If primer was not used, two coats of ULTRA KOTE XL™ must result in a minimum 16 mil total dry film thickness.

MINIMUM SPREAD RATES: If primer coat was used, PRIMER must be applied at no more than 150 square feet per gallon. ULTRA KOTE XL™ must be applied at no more than 150 square feet per gallon per coat, resulting in aggregate spread rate of 75 square feet per gallon.

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

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):	.71 lbs./gal. • 85.2 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 Chemical Coating Manufacturers, Inc. will not be liable or responsible for any past, present or future leaks or any resulting consequential or incidental damages.



MATERIALS HEALTH, SAFETY AND ENVIRONMENTAL DATA SHEET

**MSDS#:
4030**

Product Identification	Product Name: ULTRA KOTE XL™ Product Code #: 4030 General Usage: Exterior Latex Elastomeric Industrial Coating General Description: Pigmented Latex Coating C.A.S. Number: None Established; Mixture	
Manufacturer Information	Manufacturer's Name: Nationwide Chemical Coating Mfrs., Inc. Address: 7106 24th Court East; Sarasota, FL 34243-3993 Emergency Telephone: 1-800-423-7264 or 941-753-7500 Information: 1-800-423-7264 or 941-753-7500 Web Site: www.nationwidecoatings.com E-Mail: info@natcoat.net Date Effective: January 1 st , 2005	
Chemical and Physical Properties	Color: White Physical State: Liquid Boiling Point: 212 Fahrenheit Specific Gravity (H ₂ O=1): >1 Vapor Presence: about same as H ₂ O Percent Volatile: 37-42% Evaporation Rate (Butyl Acetate=1): <1	Odor: Pungent Odor Odor Threshold: Unknown Melting Point: N/A Freezing Point: 32 Fahrenheit Solubility in H ₂ O: Soluble pH (undiluted): 8 to 8.5 Vapor Density (Air=1): <1
Fire Protection Information	Decomposition/Combustion: Flash Point: Recommended Extinguishing Media: Flammable Limits:	N/A N/A; Does Not Burn N/A N/A
Storage and Reactivity	Hazardous Polymerization: Storage Conditions: Toxic Products Which May Form:	Will Not Occur Keep from Freezing None
Transportation	Hazard Classes: Hazard Labels: Hazard Determination: Shipping Containers: Shipping Class:	None; Not Hazardous Not Required MSD Sheet Varies Class 55; Water Based Paint
Container Labeling	Explanation of Unique Labeling System: None Used	

Health Hazard Data	SHORT TERM EXPOSURE	
	Route of Entry: Inhalation: Skin: Eyes: Ingestion:	Precautionary Treatment Expected None Expected None Flush Immediately with large amounts of water for at least 15 minutes, holding eyelids open. Call a physician if irritation persists Call a physician if significant amounts have been Swallowed. Give patient large amounts of water or milk for dilution.
	LONG TERM EXPOSURE	
	Carcinogen: Target Organ Effects: Other Health Hazards:	None None None Known
Personal Protection	Respiratory Protection: Protective Clothing: Ventilation: Other Protective Measures: Eye Protection:	No inhalation hazard expected None Required Local None Safety Glasses
Spill or Leak Protection	Accidental Release or Spill: Neutralizing Chemical/Media:	Collect liquid or solidify with absorbent package for disposal N/A
Treatability	Biodegradability: With water prior to cure. Influence on Biological Wastewater Treatment: None Other Impacts on Wastewater Treatment: None Recommended Wastewater Treatment: Dilutable Constituents Interfering With or Not Amenable to Biological or Wastewater Treatment: None	
Recommended Waste Disposal	Dispose of in accordance with Federal, State and Local guidelines.	

EMERGENCY & INFO: 1-800-423-7264

Form based on O.S.H.A. Form 20. Information presented herein has been compiled from sources to be reliable and is accurate and reliable to be the best of our knowledge and belief but is not guaranteed to be so.

EMERGENCY & INFO: 941-753-7500