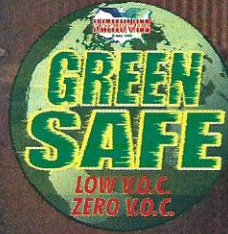




www.nationwidecoatings.com

CERAMIC
INSULATING
TECHNOLOGY



ULTRA SEAL™

ELASTOMERIC
WATERPROOFING
INSULATING
CERAMIC
PROTECTIVE
WALL COATING

NFPA 101 Life Safety Code CLASS A Fire Rating

20 YEAR LIMITED WARRANTY

SPACE AGE INSULATING CERAMICS

ULTRA SEAL™ ELASTOMERIC ACrylic

WATERPROOFING, INSULATING, BEAUTIFYING & P

The **ULTRA SEAL** Advantage

ULTRA SEAL™ is an elastomeric acrylic, insulating ceramic, waterproofing MATTE FINISH Protective Wall Coating. It is a specialized formulation using the highest quality blends of elastomeric waterproofing acrylics, mixtures of ultraviolet and weather resisting pigments, and a trade secret mixture of insulating and soundproofing ceramic particles and ceramic microspheres. It forms a thick rubber-like ceramic shield of protection that expands and contracts with varying hot and cold temperatures, plus resists thermal shock. ULTRA SEAL™ offers superior mildew resistance, ceramic insulation and soundproofing, excellent adhesion and a beautiful finish. ULTRA SEAL™ is an energy saving coating that combats the destructive environmental forces of nature. It was originally designed for hi-rise, commercial and industrial buildings where frequent repainting is too costly and a low maintenance, longer lasting coating is necessary. ULTRA SEAL™ is an economical and superior alternative to painting on new construction or renovations on industrial, commercial and residential applications. ULTRA SEAL™ will seal and prevent MOST leaks, and offers a 20 Year Limited Manufacturer's Material Warranty against chipping, cracking and peeling.

The **"ULTRA"** Product Line

ULTRA PRIME™ is an elastomeric, waterproofing adhesive CLEAR FINISH Primer. It has excellent adhesion to most uncoated and/or previously coated surfaces.

ULTRA LUSTER™ is an elastomeric, insulating ceramic, waterproofing LOW LUSTER FINISH Wall Coating with excellent stain resistance. 20 Year Limited Material Warranty.

ULTRA SATIN™ is an elastomeric, insulating ceramic, waterproofing SATIN FINISH Wall Coating. 20 Year Limited Material Warranty.

ULTRA TEX™ is an acrylic elastomeric, insulating ceramic, waterproofing sand or coarse Spray-On or Roll-On Texture Wall Coating. 15 Year Limited Material Warranty.

ULTRA KOTE™ is an elastomeric urethane, insulating ceramic, waterproofing MATTE FINISH, Industrial Coating. It is excellent for walls, tanks, pipes, equipment, etc. 15 Year Limited Material Warranty.

SATIN KOTE™ is an elastomeric urethane, insulating ceramic, waterproofing SATIN FINISH Industrial Coating. 15 Year Limited Material Warranty.

ULTRA KOTE XL™ is an elastomeric urethane, insulating maximum ceramic content, waterproofing MATTE FINISH, Industrial Insulator Coating and Ceramic Performance Upgrade midcoat. 15 Year Limited Material Warranty.

ULTRA CLEAR™ is a 100% acrylic, waterproofing CLEAR FINISH Sealer. It preserves, protects and beautifies most previously coated or uncoated surfaces.

ENERGYSTAR® PARTNER



"As an ENERGY STAR® Partner, Nationwide Chemical Coating Mfrs., Inc. has determined that these products meet the ENERGY STAR® guidelines for energy efficiency."

Nationwide Chemical Coating Mfrs., Inc. is a proud partner in the EPA ENERGY STAR® Roof Products Program. ULTRA SEAL™, ULTRA KOTE™ and ULTRA KOTE XL™ are ENERGY STAR® certified roof coatings.

ULTRA SEAL Uses

ULTRA SEAL™ is a high-tech industrial type wall coating system intended only for use by authorized applicator technicians in accordance with strict manufacturer's specifications. ULTRA SEAL™ is a two coat process, but a coat of ULTRA PRIME™ is recommended and may be required, depending upon the surface condition and application.

- | | | |
|-------------|----------------|--------------------|
| ○ Adobe | ○ Fiberglass | ○ Slate |
| ○ Aluminum | ○ Galvanized | ○ Stucco |
| ○ Asbestos | ○ Masonry | ○ Styrofoam |
| ○ Brick | ○ Plaster | ○ Synthetic Siding |
| ○ Cement | ○ Plywood | ○ Tin or Copper |
| ○ Clapboard | ○ Polyester | ○ Urethane Foam |
| ○ Clay | ○ Polystyrene | ○ Wood |
| ○ Concrete | ○ Primed Metal | ○ and many others |



ULTRA SEAL Colors

ULTRA SEAL™, ULTRA LUSTER™, ULTRA SATIN™, ULTRA TEX™, ULTRA KOTE™, SATIN KOTE™ and ULTRA KOTE XL™ are available standard in Bright Custom White, but can be colored to match any decor or personal preference.

The High Performance Features

- ◆ **Elastomeric Ceramic Shield of Protection**
- ◆ **Forms an Adhesive Waterproofing Bond**
- ◆ **Formulated to Breathe Air and Release V**
- ◆ **Ultraviolet Ray Reflective Pigments Prot**
- ◆ **Inexpensive Fillers are Replaced with Cer**
- ◆ **Superior Elongation and Recovery Protects**
- ◆ **Blends of Mildewcides & Bactericides effe**
- ◆ **All ULTRA-PRODUCTS are Low V.O.C. Formul**
- ◆ **Our Products are Environmentally Frier**
- ◆ **WRITTEN MANUFACTURER'S LIMITED**

ULTRA SEAL CERAMIC WALL COATING SYSTEM

PROTECTING... CONSERVING, COOLING & HEATING

ASTM E-84 CLASS A FIRE RATING NFPA 101

ULTRA SEAL™ has passed ASTM E-84 testing. Passing this testing qualifies this product to receive a CLASS A FIRE RATING under the NFPA (National Fire Protection Association) 101 Life Safety Code.

ULTRA SEAL Ceramic Insulation

The unique Ceramic Insulation in ULTRA SEAL™ was made available with the discovery by NASA proving that a thin layer of ceramics, as used on the Space Shuttle, protects the astronauts from the fiery inferno encountered upon re-entry into the earth's atmosphere.

ULTRA SEAL™ integrates a blend of ceramic borosilicates (microscopic glass beads), and various ceramic fillers that, when combined, form a true ceramic insulator. When applied to a wall surface at 25 mils dry film thickness, it can produce an insulation equivalent of up to R-17 (4 inches of foam insulation). When this insulation equivalent is combined with the reflectance properties in ULTRA SEAL™, the comparable R-Value may be as high as R-24. The equivalent R-Value is directly relative to, but not limited to, the dry film thickness, the color of the coating (reflectivity), and the type of surface to which the coating is applied.

ULTRA SEAL Soundproofing

ULTRA SEAL™ is a good choice where sound level reductions are required. Upon coating the exterior walls of a structure, ULTRA SEAL™ can effectively reduce interior noise by reflecting sound back towards the source. The ceramic microspheres within the coating form a barrier that helps block and reflect sound, unlike other coatings that absorb sound and transmit noise.

MAGNIFIED CROSS SECTION of ULTRA SEAL™

Protective Coating Mixture comprises the Top Layer

Ceramic Microspheres eventually touch and bond forming an insulative and sound reducing barrier. Elastomeric Acrylic Resin fills voids between the Spheres.

Substrate Surface or Prime Coat

As ULTRA SEAL™ dries, water is released by evaporation. The ceramic spheres then join and form a continuous union that are bonded together by the elastomeric acrylic resin coating mixture. While insulating and reducing sound, the coating is also eliminating harmful moisture penetration as well as providing many years of ongoing beauty and protection.

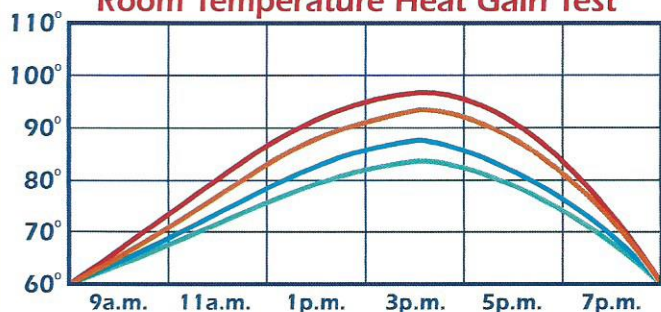
ULTRA SEAL Waterproofing

ULTRA SEAL™ is not a paint. It is a Superior Weather Protective Coating, about 5 times thicker than ordinary paint. Formulated with the best waterproofing elastomeric acrylic resins available, ULTRA SEAL™ eliminates harmful water intrusion beneath the coating. Also, trenching can eliminate the passage of water from below ground into the structure. This is why ordinary paints fail and ULTRA SEAL™ keeps on performing.



CERAMIC INSULATION PERFORMANCE

Room Temperature Heat Gain Test



INTERIOR ROOM TEMPERATURES:

- Uncoated Wall Room Temperature
- 4 Inches of Insulation
- ULTRA SEAL™ Wall Coating System
- Outside Ambient Air Temperature

that make **ULTRA SEAL** the best!

- ◆ that Stabilizes and Strengthens Walls
- ◆ Resist over 100 M.P.H. Wind Driven Rains
- ◆ Doors while Sealing out Harmful Moisture
- ◆ Protection from the Damaging Effects of the Sun
- ◆ Ceramic Fillers for Insulating & Soundproofing
- ◆ Protection against Thermal Shock and Bridge Cracking
- ◆ Slowly Retard the Growth of Mold & Mildew
- ◆ Complies with Federal V.O.C. Requirements
- ◆ Formulated with Green Technology
- ◆ MATERIAL REPLACEMENT WARRANTY

7 Steps to Permanent Ultra Ceramic Protection

- | | |
|---------|-----------------------------|
| Step #1 | Trenching the Perimeter |
| Step #2 | Pressure Washing |
| Step #3 | Patching & Caulking |
| Step #4 | Primer Coat (if applicable) |
| Step #5 | First Coat of ULTRA SEAL™ |
| Step #6 | Second Coat of ULTRA SEAL™ |
| Step #7 | Final Evaluation |

All information presented herein 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.



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EnergyZone L.L.C
Coatings that save energy



Waterproofing | Insulating | Protective
Sound Proofing | Decorative
Coatings and Paints

"Environment Friendly, Green Product Technology"

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GETTING GREENER...
GREEN Since 1964, Still Getting GREENER by the Gallon!



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ULTRA SEAL™



ULTRA SEAL™ Energy Saving
Saves Up to 40% on Energy Costs

Coating Mixture of Borosilicate Glass & Organic Ceramics which sheds 95% of Re-entry Heat.
Silicone Adhesives
As shown in the illustration of the Silicone Ceramic Tiles used on NASA's Space Shuttle 95% of the heat is shed by the Borosilicate Coating on the Tile. The remaining 5% of the heat is shed by the foam like body of the tiles. Nationwide's Ceramic Insulating Coatings function much the same as NASA's Borosilicate Coating.

Cutaway of Space Shuttle Tile

Foam like tile comprised of 90% Air & 10% Silica sheds remaining 5% of the heat.
Felt absorbs stress of Bending



ULTRA SEAL™, ULTRA LUSTER™, ULTRA SATIN™, ULTRA TEX™, ULTRA KOTE™, SATIN KOTE™ & ULTRA KOTE XL™ Exceed Requirements for FEDERAL SPECIFICATION #: TT-C-555B

TECHNICAL	ULTRA PRIME™	ULTRA SEAL™	ULTRA KOTE™	ULTRA KOTE XL™
Vehicle Type	Acrylic Polymer	Acrylic Polymer	Acrylic Polymer	Acrylic Polymer
Elongation (ASTM D-412)	2642%	410%	374%	693%
Tensile Strength (ASTM D-412)	65 P.S.I.	397 P.S.I.	382 P.S.I.	267 P.S.I.
Spread Rate	100-175 s.f./gal.	100-150 s.f./gal.	100-150 s.f./gal.	100-150 s.f./gal.
Solids by Weight	41%	59%	62%	59%
Solids by Volume	36%	47%	48%	48%
Gallon Weight	8.8 lbs	12.2 lbs	11.9 lbs	10.5 lbs

THE NATIONWIDE DOUBLE ASSURANCE

20 YEAR LIMITED MANUFACTURER'S WARRANTY*

NATIONWIDE CHEMICAL COATING MFRS., INC.

7106 24th Court East - Sarasota, Florida U.S.A. 34243

*To be issued by Manufacturer ONLY subject to Terms and Conditions. Please inquire about Nationwide's Limited Material Product Warranty Program.



ENERGY SAVINGS

PAYS FOR ITSELF!

LOW MAINTENANCE

ONE HUNDRED DOLLARS