

DESCRIPTION

UltraBan forms The Invisible Shield® of protection on it's dried film. All coatings are films. Some can be seen, such as paints on wood. Others cannot, such as silicone on glass. UltraBan's infusion film chemistry creates an invisible shield – the dried film. This dried film resists deterioration by mold and fungus. UltraBan may be used in your home's interior, away from food contact, and on its exterior for above ground applications. UltraBan is Dried Film Protection®

FEATURES

- Infusion film chemistry microscopically penetrates, and cross-links within absorbent substrates.
- Proven effective in field-testing and in laboratory environments.
- Becomes one with the product it treats.
- Interior and exterior applications.
- Forms a barrier film that inhibits mold and fungi growth on its surface.
- Creates a water repellent vapor permeable (1.25-2.25 perms) film protected from mold and mildew damage.
- Does not dissolve or leach out during or after treatment protecting film surfaces longer.
- Non-reactive or corrosive to metal, UltraBan does not contain BLEACH or ACID.
- Penetrates deeply into absorbent surfaces creating cross linking polymerization.
- A pre-paint surface conditioner, which can be tinted to a desirable color before application.
- Effective on caulks and sealants as a barrier film to mold growth.

REGULATORY DATA

- Contains no acids, heavy metals, aldehydes or solvents.
- Considered Non-Hazardous by the D.O.T.
- Does not Contain any VOC'S.

**DO NOT ALLOW UNCURED PRODUCT TO FREEZE
KEEP OUT OF REACH OF CHILDREN**

TESTING DATA

Method	Protocol	Performance
D-3273-00	Resistance to Mold Growth*	Rated excellent
Fed. Spec. TT-W-572B	Water Repellency	Meets
ASTM D-1413-76	Soil Block Fungal Decay Test 0.02%	Weight loss
ASTM D-1413-76 (1986)	Leach Resistance	0.04%
ASTM G-5377	Weather Resistance	No reduction in protection (accelerated 10 years)
Crosshatch adhesion	0-5 scale, 5 being excellent	5
Cleveland Humidity Cabinet	1,000 hours	No reduction in protection
ASTM 3930	VOC Emissions	0 gm/liter
Lateral Resistance	Treated vs. Untreated	No change
Structural Strength	Treated vs. untreated	No change
TCSA listed	All Ingredients	Yes
AWPA E12-94 (corrosion)	Treated Wood	Non-reactive or corrosive
ASTM D-1653	Permeability	1.25 –2.25 perms
HUD Mfg. Housing		Accepted

*UltraBan forms a moisture barrier that resists mold on it's dried film.

SUGGESTED APPLICATIONS

For use on all wood and wood composites, drywall, rubber, masonry, fiberglass, aluminum, bamboo, thatch and natural fibers, hemp, cordage, polypropylene, concrete and asphalt.

At Home/On the Farm: All Wood Products, Siding, Brick, Dry-wall, Decking, Studs, Basement Walls, Painted Surfaces, Shake Shingles, Concrete Walkways, Joists, Fencing, Patios, Crating, Fiberglass, Tile, Fiberglass Shingles, Vinyl, Painted Concrete, Flooring and Patio Furniture (wood, plastic or metal).

RV/Boat/Camping : Rubber Seats, Caulking, Vinyl, Painted Surfaces, Materials Made of Natural Fibers & Nylon, Teak decking, Wood/Plastic/Metal Outdoor furniture, Cordage/Natural Fibers, Compartments.

UltraBan Protective Mold Barrier

SURFACE PREPARATION

- Optimum protection is attained when surfaces are free of dirt and other contaminants before applying UltraBan.
- Rhino Hide's UltraMean® & UltraMean-2® are recommended to pre-clean surfaces.
- Mold discoloration may remain if not removed before application. Some discolorations are permanent and are a result of surface deterioration and decomposition.
- Residual staining is not an indication of UltraBan's films penetration or performance.
- NOT COMPATIBLE WITH CHLORINE BLEACH.

INSTRUCTIONS FOR USE

Coverage: Coverage varies depending on surface texture and absorption ability. Greatest coverage on non-porous surfaces. Overspray and waste in tools (rollers, brushes and spray equipment) will affect coverage. See coverage estimation guide.

Tools: Manual garden pumps, rollers, brushes or submersion bath

Tinting: Use only water-based tints.

Thinning: Do Not Thin or Dilute Material.

Storage: Keep From Freezing.

Mixing: Blend thoroughly before application by shaking or mechanical stirring.

Clean Up: Thoroughly clean with soap and water.

Drying: Extreme temperature and high humidity levels will affect drying time. Dries at the same rate as water. Dries to touch in 30-60 minutes. Complete drying in 1-2 hours. Must be fully dry before being exposed to rain or water wash off.

UltraBan Coverage Estimation Guide

Fiberglass	up to 1000
Vinyl Siding	800-1000
Painted Surfaces	600-800
Drywall/Wallpaper	400-600
Previously Stained Decks	300-425
Composite Decking	300-425
Wood Surfaces	200-300
Cement/Concrete Block	150-250

SAFETY CAUTIONS

Standard precautions must be used when applying this product. Always wear personal protective equipment when handling this or any other chemical.

Consult SDS before using.

APPLICATION

- Review product label or Application Guidelines (available for download at www.rhinohide.com) for detailed instructions.
- Apply to clean, dry surfaces when both air and surface temperatures are above 40°F.
- For best results, apply liberally to saturation and remove excess product with a soft UltraBan soaked cloth or sponge.
- Absorbent and/or porous such as wood, concrete, masonry, brick: Apply liberally to saturation. Multiple coats are acceptable.
- Non-absorbent and/or non or semi-porous such as composite decking, vinyl, plastics, metal, fiberglass, and synthetics require a sample test for color stability and non-yellowing before complete application. Wipe these materials with an UltraBan soaked cloth or sponge to assure a uniform film application and to remove excess material.

LIMITATIONS

- Life expectancy of the dried film is greatest on dry unexposed indoor surfaces such as the interior wood of attics, crawl spaces, walls, wallboard and paneling.
- Interior exposed traffic areas such as wood flooring plastic surfaces, etc., will require periodic treatment and should be considered a maintenance product.
- Exterior surfaces such as wood or wood composite decks, fencing and siding, may require annual treatment. UltraBan enhances and maintains natural beauty and can be applied repeatedly.
- Do not apply when surface or air temperature is below 40°F or above 110°F.
- Do not apply if rain or any rinsing is expected within 12 hours.
- Application to damp surfaces is acceptable.
- Do not allow product to freeze in the container or on the surface until fully dry.
- The presence of UltraBan on a surface can be verified in the laboratory. Warranty claims require a sample of the material for evaluation and testing. To prevent wash off, protect freshly treated surfaces until completely dry.
- UltraBan may not change the appearance of contaminated or stained surfaces.

LIMITED REMEDY

Follow the instructions carefully. If your application is not covered by these instructions, call 863-665-0203 before using this product. Buyer agrees that if HomeWood Solutions' products are proved defective, the user's exclusive remedy will be, at HomeWood Solutions election, to replace the defective product or refund the purchase price for the defective quantity.