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Interior / Exterior 2-Component, Acrylic, Aliphatic, Semi-Gloss Polyurethane Finish Architectural Coating - Specialty

## **Description**

**Ure-Tech** is an innovative interior/exterior 2-component polyurethane low sheen finish designed for hospitals, healthcare facilities and food processing plants where frequent cleaning with harsh chemicals is commonly encountered.

**Ure-Tech** is formulated using Bayhydrol® HD Wall Coating Technology from Bayer Material Science Co. This advanced technology has allowed Vista Paint to formulate an exceptional abrasion resistant coating with very low VOC. Ure-Tech is virtually odor free, will not yellow and offers both interior and exterior durability.

## Recommended Uses

FOR PROFESSIONAL USE ONLY. Ure-Tech is ideal for specification and application in healthcare facilities, food processing facilities, industrial and high usage public areas.

The high performance chemical resistance product composition and film strength of Ure-Tech allows the use of most disinfecting chemicals designed to combat MRSA and other bacteria.

### Colors

White, Off-White and Pastel Bases: P

## **Packaging**

One Gallon Kit:

Part A: Resin (short fill gallon / 106 oz.) Part B: Activator (short fill quart / 20 oz.)

\*shelf life for both Part A & B is 6 months from date of purchase.

## Finish

Semi-Gloss, sheen @ 60° = 60.0 - 64.0%

# Surface Preparation

**New:** Clean to remove all contaminants, dirt and dust. Apply one coat of primer to seal surface.

**Repaint:** Clean to remove all surface contaminants, de-gloss old enamel surfaces. For damaged or stained surfaces apply one coat of primer.

### Primer

Drywall: 8000 Carefree Prime-ZALL
Cementitous: 8000 Carefree Prime-ZALL
Wood 8000 Carefree Prime-ZALL
Ferrous Metal: 9600 Protec Metal Prime
Non-Ferrous Metal: 4800 Metal Pro Primer

### <u>Application</u>

Mix Ure-Tech 2-component polyurethane part B into Part A (WARNING: part B contains polyisocyanate, a chemical that is considered a respiratory and skin sensitizer. Read MSDS carefully for proper handling.) Mix well for 5 minutes (if using a hand mixer, be careful not to induce foam.) Let mixture stand for 10 minutes before application. DO NOT mix partial kits. If necessary, the 2nd coat may be applied wet on wet at the time of application. Do not try to 2nd coat already cured material (more than 24 hours), adhesion will be compromised. To re-coat cured surface, sanding would be required to ensure proper adhesion. In projects lasting more than one day, you must achieve a clean break point to avoid overlapping the next day.

Roller Application: use 3/8"-1/2" nap high quality roller such as lamb skin roller; start at one corner, spread the paint evenly, then back roll in one direction to "tighten up" that section. Immediately wash brush and equipment with soap and water when finished.

**Spray Application:** use airless, and .13 tip. Use OSHA approved mask and personal protection (see MSDS for more information.) To avoid sag on smooth surfaces, stay within 5 mils wet. Wash spray equipment immediately after use.

Pot Life: 2 hours

# **Drying Time**

Tack Free: 4 hours (@75°, lower temperature

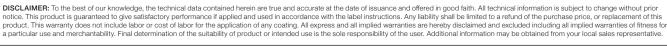
will prolong dry time)
Shours (@75° lower temperature)

Hard: 16 hours (@75°, lower temperature will prolong dry time)

Cure: 5 days

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**Vista paint** 

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#### Coverage

Up to 350 square feet per gallon, depending on porosity and texture of the surface.

### Mil Thickness

Wet = 4.5 - 5.0 Dry = 2.0

## **Thinning**

Use at package consistency. If thinning is required, use water sparingly.

## **Composition**

Weights & Measurements +/-3.0%

Solids by Volume: 42.0%
Solids by Weight: 56.0%
VOC: <50 g/l
Weight Per Gal: 11 lbs.
Viscosity: 88 - 94 KU

## Test Results Properties:

#### **Properties:**

Adhesion over steel after

1 week Excellent 5B\*

Adhesion over aluminum after

1 week Excellent 5B\*

Adhesion over unsanded aged alkyd after

1 week Excellent 5B\*

Adhesion over glass after 1 week

Yellowing None

Household Stain Resistance after 1 week

Coffee Good\*\*
Red Wine Good\*\*
Mustard Good\*\*
Ketchup Excellent\*\*
Betadine Solution (Iodine) Good\*\*

Scrub Resistance without

shims after 1 week Over 12,000 cycles\*\*\*

## Test Results (continued)

#### **Properties:**

Chemical Resistance after

1 week

MEK over 250 rubs over 250 rubs Acetone Isopropyl Alchohol over 250 rubs Bleach (Chlorine) over 250 rubs Hydrogen Peroxide over 250 rubs Complete Detergent over 250 rubs Simple Green Cleaner over 250 rubs Krud Kutter over 250 rubs Mr. Clean Antibacterial over 250 rubs Jasco TSP over 250 rubs

Pencil Hardness ASTM D 3363 2H

Accelerated Weathering Test: ASTM D4587 QUV A-bulb

2000 hours No chalking, 100%

sheen retention

Flexibility:

Mandrel Test ASTM D 522 pass 1/4"

\*ASTM D 3359 Cross-Hatch

5B = 0% area removed

0B = Greater than 65% area removed

\*\*ASTM D 4828 Washability

Excellent = Stain did not penetrate into film Good = Stain penetrated film, but removed after scrubbing

Poor = Stain penetrated film and remained after scrubbing

\*\*\*ASTM D 2486 Scrub Resistance at 12,000 scrubs with no noticable film degradation.

## **Conformance**

**SCAQMD** - complies with Rule 1113, Architectural Coatings.



Products bearing this logo are Non-EG Certified. Ethylene Glycol (EG), is listed as a toxic air contaminant and hazardous pollutant. EG is a solvent used in some water-based paints. Vista Paint has replaced EG with non-toxic alternative solvents. Any Vista Paint product with this logo is formulated without EG (Non-EG).



Vista Paint is the industry leader when it comes to relying on renewable energy. At Vista Paint, our products are manufactured using 100% solar energy.

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