UREMAX WB

PRODUCT DESCRIPTION

UreMax WB is a high-performance, two-component, zero-VOC, odorless, water-based aliphatic polyurethane coating. It provides years of excellent protection against harsh weather conditions, UV exposure, corrosion, and graffiti. Additionally, this product has good chemical resistance, excellent water resistance, abrasion resistance, flexibility, and is environmentally safe.

UreMax WB complies with the FDA US Food Code 6-101.11 for indoor construction materials when applied over flat, un-textured areas. The product, when applied according to the guidelines below, will provide a smooth, durable, non-absorptive, easily cleanable surface that meets the standard set forth in the FDA guideline for food service operations including food preparation areas.

FEATURES

- Ideal for residential and commercial applications.
- Use on architectural concrete or uncolored concrete
- Use on kitchens, garage floors and countertops
- Anti-Graffiti Barrier
- Natural Look/Matte Finish
- 50% Solids
- 0 VOC
- Dries clear
- Resists tire marking
- Non-Flammable
- Low-Odor
- Chemical Resistance.

COVERAGE RATES AND PACKAGING

- UreMax WB is available in 1 gal (3.785) and 4 gal (15.14 L) kits.
- Approximately 300 square feet (27.87 m^2) per gallon depending on porosity of the surface.

STORAGE & SHELF LIFE

- Store in a safe place. Keep containers tightly sealed and keep from freezing. Shelf life is approximately 24 months.

USE & APPLICATION

PRECAUTIONS:

Always test a small area to verify compatibility, protection and appearance. Brickform strongly recommends the use of a Moisture Vapor Evaporation Rate test in accordance with ASTM F1869. Results should not exceed 5 lbs. per 1000 ft^2 per 24 hours based on the recommended test period. Do not apply if relative humidity is greater than 80%. Not recommended for dense surfaces. Surface and air temperatures must be between 50º F and 92º F during application. **USE WITHIN TWO HOURS OF MIXING;** discard mixed material after 2 hours even if it remains in a liquid state.

PREPARATION:

Surface preparation is the most important process when using any topically applied product available from Brickform. Brickform follows the surface preparation techniques recommended by the International Concrete Repair Institute outlined in its Guideline No. 310.2R Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, and Polymer Overlays. This Guideline is available at icri.org and Brickform highly recommends obtaining a copy and thoroughly familiarizing yourself with the various processes for accurately preparing concrete slabs.

Unless noted in earlier sections of this Technical Information Sheet (TIS), the slab must be fully cured for this product to perform properly. Generally speaking, newly poured slabs must be at least 28 days old. The curing conditions including temperature and humidity have a dramatic effect on how fast or slow the slab cures. Cooler conditions will slow the curing process and these factors must be considered when determining whether a slab has adequately cured for the installation of this product.

Surface preparation requirements are different for every slab and the installer must determine what process is appropriate for the slab they are working on. The recommended surface profile for Brickform sealers is a CSP 1 or CSP2 as defined by the Guideline 310.2R mentioned above. The application area must be profiled and then thoroughly cleaned. All grease, oil, stains, stain residues, rust, sealers, waxes and the like must be completely removed prior to application of the product. Mechanical removal of these may prove aesthetically displeasing. There are a number of stain and wax removers and enzymatic cleaners available either commercially or via the internet that work well in these situations.

The use of Brickform E-Etch, a mild etching and cleaning solution, followed by Brickform's Neutra-Clean and clean water rinses may be appropriate for the slab. Please refer to the TIS for these Brickform products for proper use. See also the Brickform E-Etch video online at www.brickform.com.

Acid etching with Muriatic (Hydrochloric) Acid solutions may be appropriate for slabs that require more aggressive etching and cleaning. Solutions as light as 1:20 (acid:water) to as heavy as 1:1 may be necessary depending on the slab finish. When acid washing, it is very important to protect surrounding areas from damage. Plant and animal life, certain finishes on houses, metals, and the like can all be negatively impacted if acid solutions are not used responsibly. Be sure and wear proper personal protective equipment when acid washing. Always pre-wet slabs that are to be acid washed and always neutralize the slab with Brickform's Neutra Clean following the acid wash. Do not allow acid solutions to dry on the slab as dried residues will prevent the sealer from bonding. See www.brickform.com for a video on How to Acid Wash Concrete.

Other mechanical techniques such as grinding, scarifying, shot blasting or sandblasting may be necessary to prepare the slab. See www.brickform.com for other surface preparation techniques using mechanical methods. Old sealers and cure and seal products must be removed as well. Brickform's Strip-It is an alternative to mechanical methods for their removal. Please review the TIS for Strip-It prior to using this product.

When using pressure washers to clean slabs, use equipment with a minimum of 3000 psi at 4 gallons per minute. Rotary floor scrubbers with black or red pads are effective for cleaning flat floors. When using rotary floor scrubbers on

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stamped slabs, nylon bristle brush attachments are necessary to reach imprinted areas effectively

Once the slab has been profiled, all contaminants and potential bond breakers removed, and thoroughly cleaned, allow the slab to complete dry prior to application of the product.

MIXING:

Stir Part A for 2 minutes with a stir tick or a jiffy blade at SLOW speed (500 RPM) to fully disperse the product. Catalyze the product by pouring Part B into Part A and mixing thoroughly for 4-5 minutes, at the same speed as outlined in Step 1 above. Pour a portion of Part A into Part B can until full. Mix well for 30 seconds and pour back into Part A. Mix for another 2-3 minutes. Allow product to stand for 5 minutes before applying. Loosely cover mixed product. DO NOT RE-SEAL MIXED PRODUCT. IMPORTANT: Mark time to establish pot life. Pot life is 1.5 hours - 2 hours at 75°F (24° C). Temperature and humidity directly affect pot life and dry time.

APPLICATION:

The application area must be fully cured, dry, clean and free of grease, oils, dirt, rust, waxes, and organic stains. Be sure to protect surrounding areas from overspray. UreMax WB may be sprayed, brushed, or applied with a 1/4" to 3/8" nap roller. Apply in thin coats at 5-6 wet mils. When using a roller, apply the coating onto the surface in a "W" pattern. This technique helps distribute the coating evenly and reduces lap marks. Keep a wet edge to avoid visible lines or overlaps; this helps blend each section into the next. Backroll any drips, roller lines or over application. Thickness should be 2.5 - 3 mils when dry.

If applying a second coat, allow 4 hours between coats or when the coating is tack free. Apply a second coat within 24 hours for proper adhesion. If the first coat has dried longer than 24-hours, abrade the surface with a 120-grit sanding screen and clean with a neutral pH floor cleaner. Rinse thoroughly and allow the surface to dry before application.

MAINTENANCE

Clean routinely with Brickform's Neutra-Clean diluted with water and rinsed thoroughly. E-Etch can be used to remove some stains and hard water deposits. The surface should be inspected periodically for areas of thin or traffic-worn sealer. Brickform recommends the application of Premium Acrylic Floor Finish as a sacrificial coating on interior surfaces. Reapply as needed, be sure to follow The Technical Information Sheets for all Brickform Products.

RECOMMENDED TOOLS & CLEAN UP

- Nap roller & brush
- Painter's pad

CLEAN UP:

Clean spills, tools, and sprayers with clean water.

COMPLEMENTARY PRODUCTS

- Neutra Clean – Cleaning and neutralizing agent
- E-Etch - Cleaning and etching agent, efflorescence removal

SAFETY AND PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Before using or handling, read the Safety Data Sheet and Warranty. DO NOT TAKE INTERNALLY. Do not breathe vapors or mist. Use only with adequate ventilation and use a respirator when levels are above applicable limits. Avoid contact with skin and eyes. Close container after each use. Use good hygiene when handling this product and wash and bathe after each use. Be sure to wash clothing after each use

WARRANTY

This product is not intended for public use and is intended for use by licensed contractors and installers, experienced and trained in the use of these products. It is warranted to be of uniform quality, within manufacturing tolerances. The manufacturer has no control over the use of this product, therefore, no warranty, expressed or implied, is or can be made either as to the effects or results of such use. In any case, the manufacturer's obligations shall be limited to refunding the purchase price or replacing material proven defective. The end user shall be responsible for determining product's suitability and assumes all risks and liability.

For more information go to:
solomoncolors.com or Brickform.com

INFORMATION

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