

## POLYBRIGHT WB CONCRETE SEALER



“The Innovating Company”

### PRODUCT DESCRIPTION

**POLYBRIGHT WB CLEAR SEALER** is a 35% solids water borne, odorless aliphatic polyurethane sealer. It has been specifically formulated for sealing and protecting plain and colored concrete, acid stained floors, masonry, precast concrete, cementitious overlays and wood floors. PolyBright WB offers an excellent combination of film hardness, flexibility, and superior abrasion resistance. Recommended for use where a hard, non-yellowing clear finish is desired.

**POLYBRIGHT WB** has very low VOC, dries water clear, features excellent adhesion with a rapid air-dry formulation and can be recoated in about 60 minutes. It is non-yellowing and resistant to oil, gasoline, grease, acid, ultra violet rays, wet and dry abrasion, and most household chemicals. This waterborne urethane surpasses conventional solvent coatings in resistance to abrasion chemical attack and staining

**POLYBRIGHT WB** is a ready to use product and should not be diluted.

### FEATURES:

- One Component
- User Friendly
- Low Odor
- Water Soluble
- Low VOC
- Hard Finish
- Good Chemical resistance

### PHYSICAL PROPERTIES:

Solids by Weight	:	35 %
Appearance	:	Milky White Liquid
Odor	:	Slight Odor
Hardness, pencil	:	2H
pH	:	7.5 to 9.0
VOC Content	:	185 Grams per Liter
Film Appearance	:	Clear.

### SURFACE PREPARATION:

All concrete, masonry and cementitious overlays must be completely dry and free of oil, grease, curing compounds and any other foreign material that may inhibit the penetration of the sealer into the surface applied to, wood floors should be sanded. New decorative surfaces need to be clean and free of debris. Acid Stained floors should be neutralized with baking soda and water before sealer application.

The surface texture should be similar to 120 to 150 grit sand paper this will ensure mechanical bonding. Before sealing the floor, the texture should be checked even if acid stain has been used, acid stains do not contain enough acid to properly etch the concrete for sealing. Additional preparation may be done by mechanical means such as sanding, black pad buffing or screens.

Before sealer application, the surface should be checked for moisture, excessive substrate moisture might cause blistering, whitening, delamination and other problems. If the floor is to be acid stained, perform a moisture test either by using a calcium chloride test kit, a moisture test pen or tape a square piece of plastic to the floor and let sit overnight, the next day remove one corner of the bag and look for water sitting on the concrete surface. If test is satisfactory proceed with the staining and allow to dry overnight after neutralizing and rinsing.

### PRIMING:

We recommend you apply a coat of DecoPoxy as a primer prior to using PolyBright WB. DecoPoxy will provide better adhesion for the PolyBright WB as well as depth of color. Water base sealers usually do not bring the depth of color (wet look) to the surface, but epoxies do. PolyBright WB over DecoPoxy will give depth similar to a solvent base acrylic. If you do not want this effect, use DT-Primer water base primer on the surface, then seal with PolyBright WB.

**APPLICATION:**

Once surface is properly prepared, apply one coat of primer. If using DecoPoxy thoroughly mix part A and part B in a 2 to 1 mix ratio by volume. The Epoxy primer is supplied in a 1.5 gallon Kit and covers approximately 300 to 500 square feet. Apply with a 3/16" nap roller, brush, or airless sprayer. Apply in thin coats, if priming a textured overlay (splatter texture, stamped or knock down), do not allow any puddles on the surface, back roll with a dry roller to remove any pools or puddles from the surface. DecoPoxy goes down with a milky white appearance and will clear as it dries, if applied thick or puddled, it may not clear and white cloudy areas will appear. Any DecoPoxy left over should be discarded after two hours even if it remains in a liquid state and with no apparent physical change.

Allow the DecoPoxy to dry for about 3 to 4 hours before applying PolyBright WB. At this point the primer should be somehow tacky but not so much that shoes will stick to it, if the PolyBright WB is applied too soon it may curl up and separate, test a small area before doing the entire surface. If DecoPoxy is allowed to dry for more than 16 hours, lightly sand the surface with 120 to 150 sand paper, then wipe with alcohol to remove any dust and to clean the surface before sealing.

If priming using the DT-Primer, apply it with a roller or airless sprayer and allow to dry for one hour, then seal with PolyBright WB. **POLYBRIGHT WB** can be applied by paint roller (3/16" nap or a polyfoam roller), brush or preferably; airless sprayer. Apply two to three thin coats. Allow to dry tack free between coats; do not roll back once curing process starts. One gallon covers approximately 300 to 500 square feet depending on smoothness and general shape of concrete, rough surfaces will yield less area. Do not allow puddling.

PolyBright WB will provide a hard surface more resistant to wear and scratches than regular acrylic sealers, water base or solvent base. As with all polyurethanes, PolyBright WB needs time to cure, the longer you keep traffic off the floor, the better results you'll get. Foot traffic may be allowed the next days but avoid heavy traffic and heavy objects on the floor for two to three days.

**MATERIAL SAFETY DATA SHEETS** must always be read before using products. Before using this product please follow these safety precautions.

- Exposure to resins and hardeners through direct skin contact and/or inhalation may cause severe dermatitis reactions in some people. Cleanliness of the skin and clothing is critical and must be of paramount concern.
- Suitable respirators should be used during application.
- Safety glasses, gloves, and suitable protective clothing must be worn at all times during application.
- If contact with hardeners occurs, remove any clothing involved and flush the skin with flowing water. Discard the clothing. Do not attempt to wash and reuse it.
- If a rash occurs, remove the individual from the work area and seek a physician's care for dermatitis.
- In case of eye contact, flush with water for at least 15 minutes and consult a physician.
- If swallowed, do not induce vomiting; call a physician immediately

**PACKAGING:**

- 1 Gallon (3.8 L) jugs
- 5 Gallon (18.9 L) pails
- 55 Gallon (208 L) drums

**WARRANTY: DECOSUP** warrants this product to be free from manufacturing defect. Since no control is exerted over it's application and use, **DECOSUP** makes no warranty, either expressed or implied, concerning this product. Seller and manufacturer's obligation shall be limited to replacing that portion of the product proven to be defective.



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Consult Material Safety Data Sheet before use.