



# SEALBOND ACQUASIL-7000WB

## Epoxy Water Based Primer

**SEALBOND ACQUASIL 7000 WB EPOXY WATER BASED PRIMER** is a high performance, two-component water based epoxy primer for use as a hard, durable primer on properly prepared substrates such as concrete, wood and steel. It has a zero VOCs, odor less which has been formulated based on a new innovative epoxy resin dispersion cured with modified water-soluble amines without adding solvent, acid, diluents and plasticizers. The product has been specially formulated as a green revolutionary product being able to compete with traditional solvent based and solvent free epoxy primer system. The product exhibits high performance solution as an overall primer and sealer to various applications.

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### RECOMMENDED APPLICATION

- Ideal for floor topping of new concrete and existing flooring of commercial establishments.
- Recommended primer for green building, installation of anti-skid coatings for indoor applications
- Highly recommended primer for moist or damp surfaces.
- Highly recommended primer for rising moisture issues such as basement car parks.

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### Advantages

- Emission-free flooring
- Water breathable for hydrostatic pressure / rising moisture issues
- Easy to handle and clean up
- Self-leveling floor system
- Zero Volatile Organic Compounds (water based epoxy)
- Green Revolutionary Product

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### Packaging

**SEALBOND ACQUASIL-7000WB** is available in gallon set.

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## How to Use

### Substrates & Surface Preparation

**General** All surfaces must be thoroughly cleaned to remove dirt, grease, mill scale, loose rust, chalk, and any other contaminants that can reduce adhesion through SSPC-SP1 solvent cleaning.

**Metal** Sandblasting is recommended to remove rust and mill scale. Use commercial blast to SSPC-SP6 for mild exposures and near-white blast SSPC-SP10 for severe exposures. Where blasting is not possible, thorough scraping and wire brushing may be substituted at some possible sacrifice in performance.

**Concrete/Masonry** Cure for at least 30 days before painting. Remove loose or excess mortar, efflorescence, laitance and concrete form release compounds that reduce adhesion. Etch or abrasive blast polished or glazed concrete before use on floors.

### Previously Painted Surfaces

Scrape loose, scaly, peeling paint and sand the edges smooth. If the paint is glossy, sand to dull the surface. Remove any rust and scale from ferrous metal. If mildew is present, remove completely by sterilizing the surface with mildew remover and detergent. Rinse well and allow to dry before painting.

### Special Information:

Do not apply if material, substrate or ambient temperature is below 50°F. Yellowing may occur if exposed to temperatures exceeding 200°F. Old coatings should be tested for lifting before applying **SEALBOND 7000WB**. Exterior exposure causes color change, gloss loss and chalking, however, this does not affect protective performance properties. Level off uneven surfaces using **SEALBOND EPOXY PUTTY**.

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**Mixing** Thoroughly stir each component of **SEALBOND ACQUASIL- 7000WB**. Mix Component B to Component A. Mix until a homogenous emulsion compound is attained.

**Application** Apply one coat of **SEALBOND 7000WB** (as primer only) using brush or roller to achieve a continuous and even coverage.

After priming the concrete or steel substrate with **SEALBOND 7000WB**, apply one (1) coat of **SEALBOND ACQUASIL-7100WB** to the properly primed substrate using brush, roller or spray. Allow 3-4 hours drying time to recoat. It is recommended to apply three (3) coats for top coat allowing 3-4 hours interval between coats.

Please allow three (3) days curing for foot traffic & five (5) to seven (7) days for heavy duty application.

**Colors** Clear Type Only

**VOC** *Product is manufactured based on water-based and solvent-free system and may contain relatively low to zero VOC.*

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<b>PHYSICAL PROPERTIES</b>	
Packaging	Gallon kit
Viscosity	90-95 KUs
Recommended DFT	2-3 mils
Wet Film to Achieve DFT	5-7 mils
Resin Type	Epoxy Water based
Pot Life	2 hours
Tack – Free – Time	30 minutes
Percent Solids (Volume)	45%
Specific Gravity	1.2 kg/L
Compressive Strength (ASTMD695)	5,000psi ~ 8,000psi (28 days fully cured)
Water Breathability	100%