



# SEALBOND AQUASIL-7100WB

## Epoxy Water Based Top Coat

**SEALBOND AQUASIL-7100WB** is a high performance, two-component water based epoxy top coat for use as a hard, durable coating on properly prepared substrates such as concrete, wood and steel. It has a low VOC, high flash point, easy application and low-odor features which has been formulated based on a new innovative epoxy resin dispersion cured with modified water-soluble amine without adding solvent, acid, diluent and plasticizer.

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### RECOMMENDED APPLICATION

- Ideal for floor topping of new concrete and existing flooring of commercial establishments.
- Recommended for installation of anti-skid coatings for indoor applications primed with **Sealbond EPC-100**.
- Highly recommended top coat for high performance flooring systems.
- Highly recommended top coat for steel substrates primed with **Sealbond EPC – 100**.

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### Advantages

- Emission-free flooring
- Excellent over coatability
- Easy to handle and clean up
- Self-leveling floor system
- Low levels of outgassing
- Low yellowing

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### Packaging

**SEALBOND AQUASIL-7100WB** is available in 4liter 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 EPC-100**. 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 AQUASIL- 7100WB**. Mix three (3) parts by volume of component A to one (1) part of component B by hand for approximately 1-3 minutes until emulsion is homogeneous. Mix only enough quantities that can be used within the pot-life of the mixture.

**Application**

Apply one full coat of **SEALBOND EPC-100** (as primer only) using brush or roller to achieve a continuous and even coverage. Ensure priming coats are kept clean and free from dust, water and condensation. If two (2) coats are required as per painting specification, allow 3-4 hours drying time to recoat. *(Please refer to SEALBOND EPC-100 technical data sheet).*

After priming the concrete or steel substrate with **SEALBOND EPC-100**, apply one (1) coat of **SEALBOND AQUASIL-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**

Standard White & Gray (other colors available upon request)

**VOC**

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

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### Technical Data

<b>Density</b>	:	1.36 g/cm <sup>3</sup>
<b>Solids Content</b>	:	51%±3 by volume 64%±3 by weight
<b>Potlife</b>	:	120 minutes
<b>Drying Times</b>	:	Tack free (4-6 hours) Dry (10 hours)
<b>Theoretical Coverage</b>	:	22 – 25 m <sup>2</sup> /gallon/coat
<b>Mix Ratio</b>	:	Three (3) is to One (1) by volume

### Health & Safety

Please wear rubber or plastic gloves to avoid contact with skin. Please refer to SDS for other safety information.