



CONCORD SEALERS

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DATA SHEET

PRODUCT NAME

AcraCoatz WB™

MANUFACTURER

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PRODUCT DESCRIPTION

AcraCoatz WB™ formulation is a water-based, low VOC, high solids acrylic copolymer solution that cures, seals and dustproofs concrete. The tough film locks in moisture, curing the concrete for maximum hardness. This clear, fast drying, sprayable liquid is effective on both interior and exterior surfaces.

This product adheres well to concrete surfaces and has excellent barrier properties. Help resist, dirt, a variety of mild chemicals and other jobsite contaminants.

USES

AcraCoatz WB™ is recommended for use in applications where low odor and/or low VOC is required, and where positive sealing and dustproof performance are demanded such as: warehouses, office buildings, driveways,

SPECIFICATION DESCRIPTION

03 39 13: High solids, acrylic curing and sealing compound; Minimum 30% non-yellowing, acrylic solids curing compound; shall conform to ASTM C 309 and ASTM C 1315, Type I, Class A, be VOC compliant, and meet all local air quality regulations.

ADVANTAGES

- Low Odor
- Low VOC
- Excellent curing and sealing properties
- Seals out jobsite dirt and mortar drippings
- High Gloss

SUITABLE SUBSTRATES

- Freshly Placed Concrete
- Existing Concrete

PACKAGING

5 L
20 L
200 L
1000 L

APPROXIMATE COVERAGE

Typical Coverage Rates (depending on texture and porosity): First coat, curing - 7.4-9.8 m²/L
Second coat, sealing - 9.7-14.7 m²/L
Stamped and Patterned Concrete - 7.4 m²/L
Exposed aggregate - 4.9m²/L

SHELF LIFE

AcraCoatz WB™ containers are to be kept tightly closed and stored in a dry, cool area. Shelf life is one year in factory sealed containers when properly stored.

LIMITATIONS

- Remove **AcraCoatz WB™** prior to installation of cement toppings, chemical hardeners, sealers, coatings, etc.
- Do not store or apply in subfreezing weather unless properly protected.
- Some discoloration may appear under the acrylic membrane and may be visible for some time due to the slow release of moisture in the concrete.
- AcraCoatz WB film gloss will fade in exterior applications.
- Avoid long-term exposure to standing water. AcraCoatz WB film may turn white when exposed to standing water.

CAUTIONS

- Do not allow to freeze
- Contains minimal organic solvents
- Use with adequate ventilation
- Wear protective gloves and goggles
- Please refer to Safety Data Sheet (SDS) before using
- For proper film development, apply only when the surface temperature is above 45°F (7°C) and the ambient relative humidity is below 80%

Mock-ups and field test areas are required in order to validate performance and appearance related characteristics (including but not limited to color, inherent surface variations, wear, anti-dusting, abrasion resistance, chemical resistance, stain resistance, coefficient of friction, etc.) to ensure system performance as specified for the intended use, and to determine approval of the decorative flooring system.

TECHNICAL DATA

Applicable Standard

ASTM C 309, Type 1, 1D

ASTM C 1315, Type 1, Class A

Property	Observed
Solids	25%
Moisture Retention Tests, ASTM C 309, ASTM C 1315	<0.4 kg/m ² @72 hrs
Alkali Resistance	Over 50 Hours
Weathering, Days, Method #6152	Over 21
Salt Spray, 5% Resistance	Over 500 Hours
Flash Point	114°F (46°C)
Set To Touch	40 Minutes
Dry Hard, Foot Traffic	4-12 hours
Gloss	Medium/High
Ultraviolet Resistance, 2500 Angstrom Lamp 1000 Hours	0
VOC Content	690 g/L

Specifications are subject to change without notification. Technical data shown in product data sheets are typical but reflect laboratory test procedures conducted in laboratory conditions. Actual field performance and test results will depend on installation methods and site conditions. Field test results will vary due to critical job site factors. All recommendations, statements and technical data contained in this data sheet are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not construed as a warranty or guaranty of any kind. Satisfactory results depend upon many factors beyond the control of CONCORD SEALERS. Users shall rely on their own information and tests to determine suitability of the product for the intended use and user assumes all risk, loss, damage, expense and liability resulting from their direct use, indirect use or consequential to their use of the product. CONCORD SEALERS shall not be liable to the buyer or any third party for any injury, loss or damage directly or indirectly resulting from use or inability to use the product.

INSTALLATION

Surface preparation

Freshly placed concrete

Surface must be finished to specified requirements prior to the application of **AcraCoatz WB™**.

Existing Concrete

Surface must be degreased and cleaned of all contaminants with **CITREX™** prior to the application of **AcraCoatz WB™**. Dampen the concrete and broom out all standing water immediately prior to application.

Application

Fresh Concrete: Stir well before using. Apply with low pressure spray or applicator after surface water glaze disappears. Apply two uniform and thin coats directly from container. Do not dilute or puddle. Allow first coat to dry to touch before applying second coat.

Existing Concrete: Apply two uniform coats of **AcraCoatz WB™** without puddling. Allow a minimum of 2-3 hours between coats. Very porous or worn concrete may require additional coats.

Cleaning

Use xylene* or other aromatic solvent, to flush out/clean spray equipment and tools.

***CAUTION** Xylene is flammable and toxic

MAINTENANCE

Reapply **AcraCoatz WB™** products to exposed concrete periodically to maintain gloss and protection.