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# DATA SHEET

## PRODUCT NAME

# AcraCoatz™

## MANUFACTURER

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## PRODUCT DESCRIPTION

**AcraCoatz™** is a sprayable acrylic copolymer that cures, seals, and dustproofs concrete. **AcraCoatz™** is a tough impervious acrylic which retains moisture, curing the concrete for maximum hardness. This clear, fast drying, sprayable sealer is effective on both interior and exterior surfaces.

## USES

For curing and sealing newly placed concrete when a high solid, high water retentive membrane curing compound is required. Suitable for commercial and industrial applications, including sidewalks, patios, driveways, factories, distribution centers, office buildings, and other areas where positive sealing and dustproof performance are needed. Ideal for stamped and patterned and colored concrete. Use on exposed aggregate panels to intensify the colors.

## SPECIFICATION DESCRIPTION

03 39 13: Acrylic Curing Compound: Minimum 25% acrylic solids shall conform to ASTM C 309, Type I, and ASTM C 1315, Type 1.

## ADVANTAGES

- Protects concrete from dusting
- Applies easily with conventional spray equipment
- Excellent curing and sealing properties
- Enhances the look of colored, stamped concrete
- Medium 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 m<sup>2</sup>/L  
Second coat, sealing - 9.7-14.7 m<sup>2</sup>/L  
Stamped and Patterned Concrete - 7.4 m<sup>2</sup>/L  
Exposed aggregate - 4.9m<sup>2</sup>/L

## SHELF LIFE

**AcraCoatz™** 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

- Must be removed prior to installation of subsequent cementitious toppings or the application of chemical hardeners, silanes and siloxanes, urethane or epoxy coatings.
- May show tire marks when subjected to forklift on other rubber wheeled traffic
- Do not apply over standing water or over bituminous asphalt or resilient tiles
- Do not use over concrete containing reactive aggregate
- Do not use in areas that require resistance to solvents, such as gasoline, diesel fuel or paint thinners
- May highlight surface imperfections or cause discoloration in the final appearance of the concrete surface
- Do not 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.

## CAUTIONS

- Please refer to Safety Data Sheet (SDS) before using
- COMBUSTIBLE: Keep away from heat or open flame
- Contains aromatic solvent
- Use adequate ventilation
- Do not breathe fumes
- Wear protective gloves and goggles
- Do not apply near heating air intake vents

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 <sup>2</sup> @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 LATICRETE International, Inc. User 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. LATICRETE 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™**. Dampen the concrete and broom out all standing water immediately prior to application.

#### Existing Concrete

Surface must be degreased and cleaned of all contaminants with **CITREX™** prior to the application of **AcraCoatz™**. 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™** 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™** products to exposed concrete periodically to maintain gloss and protection.