

PRODUCT DATA SHEET

BMI Acrylic 550 Smooth Finish

EXTERIOR ACRYLIC STUCCO



PRODUCT DESCRIPTION

BMI Acrylic 550 Smooth Finish is a premium, integrally colored, acrylic base finish coating to be used over BMI Acrylic 500 Fine Finish. BMI Acrylic 550 Smooth Finish is a ready mix finish material available in multiple colors.

USES

BMI Acrylic 550 Smooth Finish may be used on either interior or exterior surfaces and provides a classic smooth finish.

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion and UV resistance
- Dirt pick up resistance
- Available in standard and custom colors

PRODUCT INFORMATION

Packaging	65 lb (29.5 kg) pail
Appearance / Color	<ul style="list-style-type: none"> ▪ All 30 of our stock colors from our BMI Exterior Color Guide ▪ Custom colors available upon request
Shelf Life	24 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage Conditions	Store dry at 50–90 °F (10–32 °C) Protect from moisture. If frozen, discard material.

TECHNICAL INFORMATION

Permeability to Water Vapor	40 perms		(ASTM C-97 Procedure B)
Resistance to Weathering	5000 hours	No deleterious effects	(ASTM G-154 Cycle 1 (QUV))
Freeze thaw resistance	90 cycles	No deleterious effects	(ASTM E-2485)
Water Resistance	42 days	No deleterious effects	(ASTM D-2247)
Salt Spray Resistance	1000 hours	No deleterious effects	(ASTM B-117)

APPLICATION INFORMATION

Coverage	175-200 ft ² (16.3-18.6 m ²) per pail (Coverage figures do not include allowance for surface profile, porosity, material waste and suction)
Ambient Air Temperature	45–100 °F (7–37.8 °C)
Substrate Temperature	45–100 °F (7–37.8 °C)
Initial Set Time	4 hours* *depending on ambient temperature, humidity and film thickness
Waiting Time / Overcoating	BMI Acrylic 550 Smooth Finish will completely cure within 12 to 24 hours. During the cure time the finish must be protected from severe weather conditions and from potential abuse from other trades.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Surfaces must be clean and free of bond-inhibiting materials such as dirt, dust, rust, grease, oil, efflorescence, mildew, fungus, form-release agents, or any other contaminants.
- Remove or repair any loose BMI Acrylic 500 and repair.

MIXING

- Mix 300–400 rpm. or until consistent color is achieved.
- A small amount (up to 16 oz. (0.47 L) of potable water may be added to BMI Acrylic 550 Smooth Finish to enhance the workability.
- Avoid over mixing or air-entraining the finish.

APPLICATION

- A coat of BMI Acrylic 550 Smooth Finish must be applied first and allowed to cure prior to applying the BMI Acrylic 550 Smooth Finish.
- Apply the BMI Acrylic 550 Smooth Finish with a stainless steel trowel, in a continuous application, working to a wet edge to eliminate cold joints.
- BMI Acrylic 550 Smooth Finish does not need to be floated, but it can be wet troweled to remove trowel marks.
- Detail bands and shapes may be applied in the same manner.

CLEANING OF TOOLS

Clean tools and equipment with water immediately after use.

LIMITATIONS

- Should be protected from rain for 24 hours.
- Substrate must have a pH level of 12 or lower.

BASIS OF PRODUCT DATA

Results may differ based upon statistical variations depending upon mixing methods and equipment, temperature, application methods, test methods, actual site conditions and curing conditions.

LOCAL RESTRICTIONS

Prior to each use of any Sika product, the user must always read and follow the warnings and instructions on the product's most current Product Data Sheet, product label and Safety Data Sheet which are available online at <http://usa.sika.com/> or by calling Sika's Technical Service Department at 800.933.7452 nothing contained in any Sika materials relieves the user of the obligation to read and follow the warnings and instructions for each Sika product for each Sika product as set forth in the current Product Data Sheet, product label and Safety Data Sheet prior to product use.

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Keep container tightly closed. Keep out of reach of children. Not for internal consumption. For industrial use only. For professional use only. For further information and advice regarding transportation, handling, storage and disposal of chemical products, users should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. Read the current actual Safety Data Sheet before using the product. In case of emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

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