

PRODUCT DATA SHEET

BMI Acrylic 500 Fine Finish

EXTERIOR ACRYLIC STUCCO



PRODUCT DESCRIPTION

BMI Acrylic 500 Fine Finish is a ready mixed, flexible textured wall coating used as a decorative and protective wall finish over prepared vertical, above grade concrete, masonry and plaster/stucco substrates. BMI Acrylic 500 Fine Finish produces an “ornamental trowel” texture or “spray” texture for sculpted decorative effects such as lace or “skip-trowel”.

USES

BMI Acrylic 500 Fine Finish may be used over prepared:

- Stucco base coats
- Exterior gypsum board lids
- Concrete masonry in exterior/interior applications
- Drywall
- Cement board
- Sealed gypsum plaster

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)
Reaction to Fire	Flame Spread < 25 Smoke Developed < 450		(ASTM E-84)

APPLICATION INFORMATION

Coverage	148–160 ft ² (13.7–15 m ²) per pail (Coverage figures do not include allowance for surface profile, porosity, material waste and suction)
Ambient Air Temperature	40–100 °F (4–37.8 °C)
Substrate Temperature	40–100 °F (4–37.8 °C)
Waiting Time / Overcoating	<ul style="list-style-type: none"> ▪ Dry to touch in 1–4 hours ▪ Fully cured in 21 days

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, formrelease agents, or any other contaminants.
- Remove or repair any loose paint, mortar, stucco, concrete or masonry by waterblasting, sandblasting, scraping or using a wire brush. Substrate should be securely fastened.
- Repair all cracks with appropriate patching compound.
- Mask off area accordingly.
- Prime all surfaces with BMI Primer 100 before applying BMI Acrylic 500 Fine Finish.

MIXING

- Mix with a drill mixer and jiffler paddle or similar paddle.
- Do not exceed 400 rpm. when mixing or the product could be air entrained which will “pin holing” and decrease bonding characteristics.
- Up to 8 oz. (0.24 L) of clean potable water may be added to BMI Acrylic 500 Fine Finish until desired consistency is achieved.

APPLICATION

- BMI Acrylic 500 Fine Finish should be applied with a stainless steel trowel.
- Enough material should be applied to cover all surfaces.
- Always apply BMI Acrylic 500 Fine Finish in continuous application, working to a wet edge to avoid cold joints.
- Finish material with a plastic float using a “figure 8” pattern.
- Avoid water drops and runs on uncured material.

CLEANING OF TOOLS

Clean tools and equipment with water immediately after use.

LIMITATIONS

- Finish color is very consistent but may vary slightly depending on suction, drying time, application technique and ambient conditions.
- Should be protected from rain for a minimum of 4 days (if curing at low temperatures, protect for 7 days).

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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For further information and advice regarding transportation, handling, storage and disposal of chemical products, user should refer to the actual Safety Data Sheets containing physical, ecological, toxicological and other safety related data. User must read the current actual Safety Data Sheets before using any products. In case of an emergency, call CHEMTREC at 1-800-424-9300, International 703-527-3887.

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