

PRODUCT DATA SHEET

BMI Acrylic 400 Medium Finish

EXTERIOR ACRYLIC STUCCO



PRODUCT DESCRIPTION

BMI Acrylic 400 Medium Finish is a ready mix, flexible textured wall coating used as a decorative and protective wall finish over prepared vertical, above grade concrete, masonry and plaster/ stucco substrates.

USES

- Above grade concrete
- Concrete masonry

- Plaster/stucco substrates
- Stucco base coats
- Exterior gypsum board lids
- Sealed gypsum plaster
- Drywall
- Cement board

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"> ▪ 30 colors - see 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 and freezing. If damp, discard material

TECHNICAL INFORMATION

Permeability to Water Vapor	Impermeable to water in liquid form, but breathable to water vapor		
Diffusion Resistance to Water Vapor	40 Perms		(ASTM C-97 - Procedure B)
Resistance to Weathering	5,000 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	1,000 hours	No deleterious effects	(ASTM B-117)
Reaction to Fire	Flame Spread < 25 Smoke Developed < 450		(ASTM E-84)

APPLICATION INFORMATION

Coverage	115–125 ft ³ per pail (Coverage figures do not include allowance for surface profile and porosity or material waste)
Ambient Air Temperature	40–100 °F (4.4–38 °C)
Substrate Temperature	40–100 °F (4.4–38 °C)
Waiting Time / Overcoating	<ul style="list-style-type: none"> ▪ Dry to touch in 1–4 hour ▪ Fully cured in 21 days Low temperatures, high humidity, driving rains etc. can prolong cure time.

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, sand-blasting, 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 400 Medium 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 ounces of clean potable water may be added to BMI Acrylic 400 Medium Finish until desired consistency is achieved.

APPLICATION

- BMI Acrylic 400 Medium Finish should be applied with a stainless steel trowel.
- Enough material should be applied to cover all surfaces.
- Always apply BMI Acrylic 400 Medium 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

- Not recommended for use on frozen substrates.
- 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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