

## PRODUCT DATA SHEET

# BMI Acrylic Primer 100

100% ACRYLIC PRIMER for building façades

### PRODUCT DESCRIPTION

BMI Acrylic Primer 100 is a premium 100% acrylic decorative and protective wall primer over prepared vertical, above grade concrete, EIFS, masonry and plaster/stucco substrates. BMI Acrylic Primer 100 can be used on either interior or exterior surfaces. BMI Acrylic Primer 100 is available in light or dark tint bases and can be integrally colored with Colorfast Pigment System.

### USES

BMI Acrylic Primer 100 is designed to be used over:

- High pH cementitious surfaces such as stucco
- Tilt-up concrete in interior/exterior applications
- EIFS
- Prepared masonry and brick
- Stem and foundation walls
- Drywall
- Cement board
- Sealed gypsum plaster

Primer for acrylic and elastomeric finishes

### CHARACTERISTICS / ADVANTAGES

- Reduced efflorescence
- Enhances uniformity, coverage, and appearance of acrylic and elastomeric finishes
- Vapor Permeable
- Water base VOC compliant
- Meets SCAQMD Rule 1113 when colored with Colorfast pigments
- Suitable under dark colors and Swirl finishes

### PRODUCT INFORMATION

<b>Chemical Base</b>	<ul style="list-style-type: none"> <li>▪ Binder base: 100% acrylic polymer</li> <li>▪ Water base: VOC Compliant</li> <li>▪ Pigment base: Titanium Dioxide</li> </ul>
<b>Packaging</b>	Net weight 60 lb (27.2 Kg) in plastic 5 gal (18.9 L) pail.
<b>Appearance / Color</b>	Factory tinted to desired color
<b>Shelf Life</b>	15 months in original, unopened and undamaged container.
<b>Storage Conditions</b>	Store dry at 40–95 °F (4–35 °C). Protect direct sunlight, moisture, and freezing. If frozen, discard material. Do not stack more than 3 pails high.

Density	13.15 lb/gal at 68°F (20°C)
pH-Value	8.0-10.0
Solid content by weight	68.95%
Solid content by volume	50.95%

## APPLICATION INFORMATION

Coverage	Theoretical Coverage: 1600–2000 ft <sup>2</sup> (150–185 m <sup>2</sup> )/per pail Coverage is dependent on surface profile, porosity of substrate, unavoidable variation in applied film thickness, loss and waste. Normal coating system is one coat.
Ambient Air Temperature	40–100 °F (4–37.8 °C).
Substrate Temperature	40–100 °F (4–37.8 °C).
Waiting / Recoat Times	Approximately 0.5 to 4 hours depending on ambient temperature, humidity and film thickness. High humidity and low temperatures will extend drying time.

## APPLICATION INSTRUCTIONS

### SURFACE PREPARATION

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 paint, mortar, stucco, concrete or masonry by water blasting, sandblasting, scraping or using a wire brush. Substrate should be securely fastened. Repair all cracks with appropriate patching compound. Mask off area accordingly. For interior drywall, prepare as for painting.

### MIXING

Mix with a drill mixer and jiffler paddle or similar paddle for 1 minute or until consistent prior to use. Do not exceed 400 rpm when mixing or the product could be air entrained which will increase "pin-holing" and decrease bonding characteristics. If primer is not factory tinted, add liquid color to the pail of BMI Acrylic Primer 100. Make sure all the color is added by rinsing out the color vial with water into the pail. Up to 1 gallon (3.78L) of cool, clean potable water may be added to BMI Acrylic Primer 100 until desired consistency is achieved.

### APPLICATION

BMI Acrylic Primer 100 may be applied with brush, roller or approved spray equipment. If rolling, apply evenly not allowing roller marks. For spray applications, strain the material using a paint strainer. If spraying material, spray in a side to side or up and down pattern. Always apply BMI Acrylic Primer 100 in a continuous application, working to a wet edge to avoid cold joints. Avoid water drops and runs on uncured material. When cutting-in with a brush around edges of the system; do not allow a buildup of primer. If buildup is present, it will produce a

visible and unsightly difference in the finish applied over it. BMI Acrylic Primer 100 must be completely dry before any acrylic or elastomeric finish can be applied over it.

### CLEANING OF TOOLS

Water soluble prior to drying. Clean tools and equipment with water immediately after use.

### LIMITATIONS

- Ambient and surface temperatures must be 40°F (4°C) or higher during application and drying time.
- Provide supplemental heat and protection from precipitation as needed.
- Minimum age of concrete prior to the application is 28 days, depending on curing and drying conditions.
- Moisture content must be below 5%
- During application, regular monitoring of the wet film thickness and material consumption is advised to ensure that the correct layer thickness is achieved.
- Use only on surfaces that are sound, clean, dry, and free from any residue which may affect the ability of BMI Acrylic Primer 100 to bond to the surface.
- Not to be used under cementitious finishes.
- Do not allow product buildup to occur on the edges. This will cause a visible and unsightly difference in the finish.
- Application in direct sunlight in hot weather may adversely affect aesthetics.
- Not designed for use as a vehicular traffic bearing surface
- Sika is not responsible for color correctness after finish has been applied.

### 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.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## ENVIRONMENTAL, HEALTH AND SAFETY

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, environmental, 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.

## LEGAL DISCLAIMER

- KEEP CONTAINER TIGHTLY CLOSED
- KEEP OUT OF REACH OF CHILDREN
- NOT FOR INTERNAL CONSUMPTION
- FOR INDUSTRIAL USE ONLY
- FOR PROFESSIONAL USE ONLY

Prior to each use of any product of Sika Corporation, its subsidiaries or affiliates ("SIKA"), the user must always read and follow the warnings and instructions on the product's most current product label, Product Data Sheet and Safety Data Sheet which are available at [usa.sika.com](http://usa.sika.com) or by calling SIKA's Technical Service Department at 1-800-933-7452. Nothing contained in any SIKA literature or materials relieves the user of the obligation to read and follow the warnings and instructions for each SIKA product as set forth in the current product label, Product Data Sheet and Safety Data Sheet prior to use of the SIKA product.

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### Sika Corporation

201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: +1-800-933-7452  
Fax: +1-201-933-6225  
[usa.sika.com](http://usa.sika.com)

### Sika Mexicana S.A. de C.V.

Carretera Libre Celaya Km. 8.5  
Fracc. Industrial Balvanera  
Corregidora, Queretaro  
C.P. 76920  
Phone: 52 442 2385800  
Fax: 52 442 2250537



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