

PRODUCT DATA SHEET

BMI Bond 290

ADHESIVE AND LEVELER



PRODUCT DESCRIPTION

BMI Bond 290 is a specially formulated cementitious product designed to adhere decorative foam shapes to stucco, masonry, or concrete surfaces.

USES

- Adhesive and base coat for BMI Finishes
- Leveling coat over approved substrates

CHARACTERISTICS / ADVANTAGES

- Provides suitable base for different texture finishes
- Increases adhesion and flexibility
- Easy and quick to apply
- Easy to mix and store

PRODUCT INFORMATION

Packaging	50 lb (22.7 kg) bag
Shelf Life	12 months from date of production if stored properly in original, unopened and undamaged sealed packaging
Storage Conditions	Store dry at 40–95 °F (4–35 °C). Protect from moisture. If damp, discard material

APPLICATION INFORMATION

Mixing Ratio	1.5 gal (5.7 L) per bag	
Coverage	1/4" notched trowel	80–100 ft ²
	1/8" notched trowel	45–60 ft ²
<small>(Coverage figures do not include allowance for surface profile and porosity or material waste)</small>		
Layer Thickness	Min.: 1/16"–1/8" (1.6–3.2 mm)	

Curing Time

- BMI Bond 290 must cure for 72 hours before application of polymer finish coat.
- If a stucco cover coat is applied, its application should take place within 48 hours. If time is longer than 48 hours, a suitable bonding agent is recommended.
- In hot or dry climate conditions, lightly mist BMI Bond 290 with water to ensure proper curing.

APPLICATION INSTRUCTIONS

MIXING

- BMI Bond 290 is mixed only with clean, potable water in a mechanical mixer or with a drill mixer in a five gallon pail.
- Mix for a minimum of 3 minutes until a paste like consistency is achieved.
- Do not overmix, although mixture can be retempered if needed.
- Do not mix any additives with BMI Bond 290 unless recommended by manufacturer.

APPLICATION

- BMI Bond 290 requires the use of a mesh product (fiberglass or synthetic) over the foam substrate.
- BMI Bond 290 can be applied to foam substrate and mesh utilizing an air induced application gun or by hand trowel.
- Following EIMA guidelines, BMI Bond 290 is applied to architectural foam details, the mesh is then imbedded into the wet foam layer with a trowel and additional BMI Bond 290 mixture is applied (if necessary) to "hide" the mesh and to smooth out the BMI Bond 290 layer.

CLEANING OF TOOLS

- BMI Bond 290 is highly adhesive.
- Before material dries, tools and machinery require only water and sponge for simple cleanup.
- Spillage and overspray should be re-moved before BMI Bond 290 dries.
- If dry, residue will require time consuming removal.

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.

DIRECTIVE 2004/42/CE - LIMITATION OF EMISSIONS OF VOC

0 g/l

(EPA method 24)

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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

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SIKA warrants this product for one year from date of installation to be free from manufacturing defects and to meet the technical properties on the current Product Data Sheet if used as directed within the product's shelf life. User determines suitability of product for intended use and assumes all risks. User's and/or buyer's sole remedy shall be limited to the purchase price or replacement of this product exclusive of any labor costs. **NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. SIKA SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. SIKA SHALL NOT BE RESPONSIBLE FOR THE USE OF THIS PRODUCT IN A MANNER TO INFRINGE ON ANY PATENT OR ANY OTHER INTELLECTUAL PROPERTY RIGHTS HELD BY OTHERS.** Sale of SIKA products are subject to the Terms and Conditions of Sale which are available at <https://usa.sika.com/en/group/SikaCorp/termsandconditions.html> or by calling 201-933-8300.

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