

# PRODUCT DATA SHEET

## BMI 280 Foam

ADHESIVE AND LEVELER



### PRODUCT DESCRIPTION

BMI 280 Foam is a specially formulated cementitious product.

### USES

It is designed to provide a high bonding and impact resistant base coat over:

- Expanded Polystyrene foam work (EPS)
- Panels
- Decorative foam shapes

### CHARACTERISTICS / ADVANTAGES

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

### PRODUCT INFORMATION

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

### APPLICATION INFORMATION

<b>Mixing Ratio</b>	3 qts (2.8 L) per bag	
<b>Coverage</b>	1/4" notched trowel	80–100 ft <sup>2</sup>
	1/8" notched trowel	45–60 ft <sup>2</sup>
(Coverage figures do not include allowance for surface profile and porosity or material waste)		
<b>Layer Thickness</b>	Min.: 1/16"–1/8" (1.6–3.2 mm)	

## Curing Time

- BMI 280 Foam 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 longer than 48 hours, a suitable bonding agent is recommended.
- In hot or dry climate conditions, lightly mist BMI 280 Foam with water to ensure proper curing.

## APPLICATION INSTRUCTIONS

### MIXING

- BMI 280 Foam should be 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 the mixture can be retempered if needed.
- Do not mix any additives with BMI 280 Foam unless recommended by the manufacturer.

### APPLICATION

- BMI 280 Foam requires the use of a mesh product (fiberglass or synthetic) over the foam substrate.
- Can be applied to foam substrate and mesh utilizing an air induced application gun or by hand trowel.
- Following EIMA guidelines, BMI 280 Foam is applied to architectural foam details, the mesh is then imbedded into the wet foam layer with a trowel and additional BMI 280 Foam mixture is applied (if necessary) to "hide" the mesh and to smooth out the BMI 280 Foam layer.

### CLEANING OF TOOLS

- BMI 280 Foam is highly adhesive.
- Before material dries, tools and machinery require only water and sponge for simple cleanup.
- Spillage and overspray should be removed before BMI 280 Foam 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.

## ECOLOGY, HEALTH AND SAFETY

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)

## 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 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.

For further information and advice regarding transporta-

tion, 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.

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.

**Sika Corporation**  
201 Polito Avenue  
Lyndhurst, NJ 07071  
Phone: 800-933-7452  
Fax: 201-933-6225

**BMI Products of Northern California Inc.**  
990 Ames Avenue  
Milpitas, CA 95035-6303  
Phone: (408) 293-4008  
Fax: (408) 293-4103



Product Data Sheet  
BMI 280 Foam  
August 2018, Version 01.01  
020405010030000005

BMI280Foam-en-USBMI-(08-2018)-1-1.pdf

