

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

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	3 qts (2.8 L) per bag	
Coverage	1/4" notched trowel	80–100 ft ²
	1/8" notched trowel	45–60 ft ²
(Coverage figures do not include allowance for surface profile and porosity or material waste)		
Layer Thickness	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.

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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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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.

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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

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



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