

PRODUCT DATA SHEET

BMI One Coat

ONE COAT PLASTER



PRODUCT DESCRIPTION

BMI One Coat is a proprietary mixture of Portland Cement, Fiber and proprietary additives.

USES

- One-step base coat applied over woven wire, metal lath and prepared concrete masonry
- Surface leveler
- Scratch and brown coat

CHARACTERISTICS / ADVANTAGES

- Fiber Reinforced
- Consistent Quality
- Durability
- Easy Application

PRODUCT INFORMATION

Packaging	80 lb (36.3 kg) per bag
Appearance / Color	Natural gray
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	5.5–6.5 gal (20.8–24.6 L) The amount of water needed to reach the de-sired workability will vary with temperature, humidity, wind, exposure, and site location or region.		
Coverage	Per 80 lb bag (ASTM C-144)		
	1–240 lb. sand	3/8"	80 ft ²
		1/2"	70 ft ²
	1–200 lb. sand	3/8"	70 ft ²
	1/2"	60 ft ²	
(Coverage figures do not include allowance for surface profile and porosity or material waste)			
Layer Thickness	Min.	Max. in one lift	
	3/8"	1/2"	
Pot Life	~ 45 minutes		
Initial Set Time	1–2 hours		
Curing Time	▪ Kept moist for at least 48 hours		
	▪ Fully cured in 28 days		

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- Woven wire and metal lath must be securely fastened to wall assembly.
- Surfaces must be clean and free of bond inhibiting materials.

MIXING

- To begin, place 4 to 4.5 gallons of potable water into a mechanical mixer.
- Add 200–240 lb. of plaster sand.
- As the mixer is running add one 80 lb. bag of BMI One Coat.
- Gradually add the remaining 1.5 to 2 gallons of potable water and blend until the desired consistency is achieved (about 4 to 5 minutes).
- Stop the mixing and allow the material to slake for 3 to 4 minutes.
- Then start the mixing again to break the initial set (usually 1 to 2 minutes).

APPLICATION

- Enough material should be applied to cover all surfaces uniformly.
- UltraBond bonding agent can be used to increase tensile and flexural strength.
- Always work to a wet edge to avoid cold joints.

CLEANING OF TOOLS

Clean tools and equipment with water immediately after use.

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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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: +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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