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

<table>
<thead>
<tr>
<th>Packaging</th>
<th>80 lb (36.3 kg) per bag</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance / Color</td>
<td>Natural gray</td>
</tr>
<tr>
<td>Shelf Life</td>
<td>12 months from date of production if stored properly in original, unopened and undamaged sealed packaging</td>
</tr>
<tr>
<td>Storage Conditions</td>
<td>Store dry at 40–95 °F (4–35 °C)</td>
</tr>
<tr>
<td></td>
<td>Protect from moisture. If damp, discard material</td>
</tr>
</tbody>
</table>
APPLICATION INFORMATION

Mixing Ratio

5.5–6.5 gal (20.8–24.6 L)

The amount of water needed to reach the desired workability will vary with temperature, humidity, wind, exposure, and site location or region.

Coverage

Per 80 lb bag (ASTM C-144)

<table>
<thead>
<tr>
<th>Coverage</th>
<th>3/8”</th>
<th>80 ft²</th>
<th>1/2”</th>
<th>70 ft²</th>
</tr>
</thead>
<tbody>
<tr>
<td>1–240 lb. sand</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1–200 lb. sand</td>
<td></td>
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</tr>
</tbody>
</table>

(Coverage figures do not include allowance for surface profile and porosity or material waste)

Layer Thickness

<table>
<thead>
<tr>
<th>Min.</th>
<th>Max. in one lift</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8”</td>
<td>1/2”</td>
</tr>
</tbody>
</table>

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 west 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.

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

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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, 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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