

# PRODUCT DATA SHEET

## BMI 690

plaster Standard, Standard w/fibers, Accelerated, Accelerated w/fibers



### PRODUCT DESCRIPTION

BMI 690 is a premium pre-blended cement-lime-sand mixture that has been specially formulated for the scratch and brown coat. This pre-blended product assures consistent quality throughout the project.

### USES

BMI 690 can be applied over any conventional substrate following the correct procedure for each different application by maintaining a proper bond and moisture barrier including:

- Open Stud
- Wood Based Sheathing
- Exterior Gypsum Sheathing
- Concrete Block / Masonry and over any conventional lath: self-furred stucco wire
- Metal Lath
- Structa Wire

### CHARACTERISTICS / ADVANTAGES

- Easy use, only add water
- Spray and hand applications
- No waste - use only what material is needed and take the leftovers to your next job
- Due to the thickness in its application, BMI 690 holds onto moisture longer, thus, curing slower and minimizing suction on the wall surface resulting in more color uniformity, reduced cracking and higher yield of finish coat applications

### APPROVALS / STANDARDS

- 2009 International Building Code (IBC)
- 2009 International Residential Code (IRC)
- Meets ASTM C-926 for Portland Cement based plaster
- LEED accreditation available

#### Material Standards:

- Portland Cement Type II/V: ASTM C-150
- Type S Lime: ASTM C-206
- Limestone, siliceous graded sands: ASTM C-897

### PRODUCT INFORMATION

<b>Packaging</b>	90 lb. (40.82 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>Coverage</b>	90 lb. bag	1.2–1.3 yd <sup>2</sup> at 7/8"
	1 ton (silo)	26–28 yd <sup>2</sup> at 7/8"

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

## 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.

## LIMITATIONS

- BMI 690 has been formulated to be used as a base material only, in preparation for a finish coat application.
- All claims made in reference to the outcome of the finish is based on the usage of BMI finish materials or other BMI recommended finishes.

## ENVIRONMENTAL, HEALTH AND SAFETY

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, environmental, 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.

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

0 g/l (EPA method 24)

## APPLICATION INSTRUCTIONS

### MIXING

#### Continuous Mixer

- BMI 690 is a pre-blended product that can be mixed in a continuous mixer supplied by BMI Products.
- Using our portable silo, with a continuous mixer attached, the BMI 690 system is complete.
- The material is delivered in bulk form, mixed with the correct amount of water through the continuous mixer and applied on the wall.
- BMI Products trains on the job site for the first day of use to ensure correct usage of machinery.
- BMI Products has technicians available in the field for troubleshooting.

#### Mechanical Mixer

- When using a mechanical plaster mixer, mix for three minutes but never more than five minutes.
- DO NOT OVERMIX!

## APPLICATION

- BMI 690's unique formulation allows for more material to remain on the wall and not be wasted due to fallout or overspray.
- Trowel or spray on the mixture to full depth of scratch and brown.
- Level off walls but do not overwork the material.
- Do not wet float the brown coat.
- Before the finish coat is applied, BMI 690 needs to be cured for a minimum of 7 days per UBC code 2508. Sec. 2508.6 of the Uniform Building Code (UBC) and Sec. 2512.8 of the 2010 California Building Code (CBC) allows for immediate successive application of scratch and brown coats.

## OTHER RESTRICTIONS

See Legal Disclaimer.

## 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 1-800-933-7452. 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.

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