

PRODUCT DATA SHEET

BMI Mesh

Glass fiber reinforcing mesh

PRODUCT DESCRIPTION

BMI Mesh is a specialty woven, alkali resistant glass fiber reinforcing mesh used with BMI 777 Polymer-Modified Base Coat to provide impact resistance and strength.

USES

- BMI Mesh is primarily used with BMI 777 Polymer-Modified Base Coat in accordance with EIFS specifications.

- It can also be used to integrate EPS shapes and over stucco in restoration projects to help resist cracking.
- Recommended for all applications and low traffic areas, second floor and higher as well as specialty shapes, parapets, irregular detail work inside and outside corners.

CHARACTERISTICS / ADVANTAGES

- Meets ASTM D-3775, ASTM D-3776, ASTM D-1777, ASTM D-5035

PRODUCT INFORMATION

Packaging	Field Mesh	48" wide x 150 linear feet	4 rolls per box
	Detail Mesh	9 ^{1/2} " wide x 450 linear feet	16 rolls per box
Appearance / Color	Off-white		
Shelf Life	24 months from date of production		
Storage Conditions	Store dry and protect from moisture		

APPLICATION INFORMATION

Coverage	4.5 oz/yd
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APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

- Before applying EPS insulation board, attach BMI Mesh from the edges of all planned termination points of the insulation with base coat.
- This strip of mesh will wrap the edge of the insulation when the base coat is applied “back wrapping”.
- The EPS insulation must be well fastened or adhered to the substrate.
- If insulation board has been adhesively applied, wait at least 24 hours before continuing work on the surface.
- Fill 1/8” (3.2 mm) gaps and larger in insulation board with slivers of EPS.
- Cut slivers flush with razor blade and rasp entire surface of insulation board.
- EPS insulation board shall not vary more than 1/8” (3.2 mm) in every 8’ (2.4 m) span.
- Cut any aesthetic joints at this time.
- Brush or blow off all insulation dust from wall.
- To complete the back wrapping of the insulation board, apply the base coat to the underside and approximately 6” (15.2 cm) up the insulation board.
- Starting from the underside, trowel in the BMI Mesh fully into the base coat.
- Do not leave any wrinkles in the mesh.
- Feather the base coat onto the insulation board.

APPLICATION METHOD / TOOLS

- Prior to the application of base coat and BMI Mesh, all insulation board irregularities greater than 1/16” (1.6 mm) must be sanded flush.
- Install detail BMI Mesh over aesthetic joints or other architectural details.
- Leave enough detail BMI Mesh so that field mesh can overlap onto detail mesh at least 2 1/2” (63.5 mm).
- Apply base coat over entire area to receive mesh approx. 3/32” (2.4 mm) thick for 4.5 oz (133 mL).
- Immediately place reinforcing mesh against the wet basecoat troweling from the center out to avoid wrinkles.
- Trowel until BMI Mesh is completely embedded and the color of the mesh cannot be seen.
- The mesh should be continuous at all corners and lapped or butted in accordance with BMI’s recommendations.
- The thickness of the base coat shall be sufficient to fully cover the mesh.
- Let base coat dry for 24 hours and examine to make sure entire surface is flat enough for finish application.
- If joints can be seen apply another thin coat of base or sand joints lightly to flatten surface.

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.

OTHER RESTRICTIONS

See Legal Disclaimer.

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.

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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Product Data Sheet

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