

Technical Information Sheet



MB Base

Item Description	Item Number
1 Roll (3 Squares)	W70RAC8500

Meets or exceeds performance requirements of ASTM 4601, TYPE II

Description

MB Base Sheet is a high-performance roofing base sheet, which is asphalt impregnated and coated with a glass fiber mat reinforcement. It has been designed to provide superior durability and ease of installation in asphalt roofing systems.

By using only pure roofing grade asphalt, with little or no fillers, MB Base Sheet offers better flexibility and workability than typical heavily filled base sheets. MB Base Sheet may be used as a base ply in SBS, APP Modified Bitumen and Built-Up Roofing Systems.

Method of Application

1. MB Base Sheet shall be installed with Elevate fasteners and insulation plates, conventional hot asphalt, or Elevate MB Cold Adhesive.
2. When installed with cold adhesive, this membrane must be applied using Elevate MB Cold Adhesive (or other approved Elevate Cold Adhesive). Use of non-Elevate adhesives will void all warranties and may cause damage to the membrane.
3. Please see the Asphalt Design and Application Guide found on the Elevate website for detailed application information.

Storage

- All material should be stored out of the weather in a clean, dry area in its original unopened packaging at a minimum of 50 °F (10 °C) and a maximum of 100 °F (38 °C) so that it will be 50 °F (10 °C) or above at the time of application.
- Do not stack MB Base membrane more than two (2) pallets high.
- If the material must be stored temporarily on the roof before application, it must be elevated from the roof surface on a pallet, stored on end, and covered from the weather with a light-colored opaque tarp in a neat, safe manner that does not exceed the allowable load limit of the storage area.

Precautions

- For safety information, refer to the Safety Data Sheet (SDS) for BUR Membranes and Flashing.
- Take care when transporting and handling Elevate BUR rolls to avoid punctures and other types of physical damage.
- Isolate waste products, petroleum products, grease, oil (mineral and vegetable) and animal fats from all Elevate BUR membranes.

Performance Advantages

- The glass fiber mat provides high tensile strength and excellent dimensional stability.
- Meets the criteria for an Underwriters Laboratories (UL) G-2 base sheet.
- Approved for use in Factory Mutual tested roofing assemblies.
- Designed for use in all climatic zones.

LEED® Information

Post-Consumer Recycled Content:	0%
Post Industrial Recycled Content:	0%
Manufacturing Location:	Tuscaloosa, AL



NOTE: LEED® is a registered trademark of the U.S. Green Building Council

Product Data	
Property	Value
Roll Width	3' 3" (1 m)
Roll Length	98' 8" (20.4 m)
Net Coverage	300 ft² (27.5 m²)
Roll Weight	71 lb (32 kg)
Pallet Size	48" x 48" (1.2 m x 1.2m)
Rolls per Pallet	25
Weight per Pallet	1.925 lb (873 kg)

Typical Properties		
Property	ASTM Standard Required Value	Elevate Typical Performance
Product Thickness	40 mil (1 mm)	70-mil (1.8 mm)
Bottom Side Coating	N/A	20-mil (0.5 mm)
Maximum Load	25 lbf/in (4.4 kN/m)	25 lbf/in (4.4 kN/m)
Elongation at Break, Bitumen	10%	10%

Typical Properties Continued

Property	ASTM Standard Required Value	Elevate Typical Performance
Adhesion to Plywood (40 °F, 4 °C)	2 lbf/ft width (2.98 kgf/m)	2 lbf/ft width (2.98 kgf/m)
Adhesion to Plywood (75 °F, 24 °C)	12 lbf/ft width (17.86 kgf/m)	12 lbf/ft width (17.86 kgf/m)
Thermal Stability, max	0.1 in (3 mm)	0.0 in (0 mm)
Flexibility Temperature	-20 °F, (-29 °C)	-20 °F, (-29 °C)
Tear Resistance	20 lbf (89 N)	20 lbf (89 N)
Sealability around Nail	PASS	PASS

NOTE: Meets ASTM D 4601. Tested in accordance with D5147.

Please contact Holcim Technical Services at 800-428-4511 for further information.

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