

BITUTHENE® HRA FABRIC Data Sheet

Polyester Reinforcement for Waterproofing Systems

Product Description

BITUTHENE® HRA FABRIC is a spunbonded polyester fabric valued for strength when used as the reinforcement in BITUTHENE HRA waterproofing systems. It has excellent properties which enhance the resilience to stresses on the waterproofing system.

For other HRA system products see the individual product data sheets

Product Advantages

- Excellent resistance to stress
- Good conformability on various surface profiles
- Superior tear and puncture resistance

System Components

BITUTHENE® HRA – Hot Rubber Membrane
BITUTHENE® HRA FABRIC– Polyester Reinforcement
BITUTHENE® HRA NEOPRENE 12" x 100' – Neoprene for Flashing
BITUTHENE® HRA NEOPRENE 6" x 100' – Neoprene for Flashing
BITUTHENE® HRA PROTECTION G – Fiberglass Protection Sheet
BITUTHENE® HRA PROTECTION P – Polyester Protection Sheet
BITUTHENE® ADHESIVE PRIMER B2 LVC – Primer
BITUTHENE® HRA CAP – Cap Sheet for Wall Flashing

Safety & Handling

BITUTHENE® products must be handled properly. Do not handle until all safety precautions and instructions have been read and understood. Refer to product label and SDS before use. SDSs can be obtained from www.gcpat.com or by contacting your local representative.

APPLICATION

BITUTHENE HRA FABRIC must be applied in accordance with GCP installation procedures. Do not attempt application if ice, snow, moisture, or dew are present or inclement weather is expected. The following information is intended for general information purposes only and is not all-inclusive.

Using a flat squeegee, install BITUTHENE HRA to the properly prepared and primed substrate at a minimum 90 mils (2.3 mm) thick. While hot and tacky place the BITUTHENE HRA FABRIC in the hot rubberized asphalt and work air pockets from under the reinforcement by using pressure from a broom or the application squeegee. BITUTHENE HRA will begin to saturate the fabric from below. Pour additional BITUTHENE HRA over the reinforcement and squeegee to a minimum 125 mils (3.2 mm) to fully encapsulate the BITUTHENE HRA FABRIC within the hot rubberized asphalt. Overlap fabric side laps a minimum of 2 inches (50.8 mm) and end laps a minimum of 4" (101.6 mm). Ensure overlaps are secured tightly with hot rubberized asphalt.

Cold weather applications require special handling to prevent damage to the rolls and ensure satisfactory installation. Do not apply waterproofing systems over improperly prepared substrates or substrates that contain moisture. Rubberized asphalt temperature in the melter must be 380°–400°F (193°–204°C) to ensure proper adhesion.

PHYSICAL PROPERTIES

Property	Test Method	Results*
Width		3 ft (.91 m)
Length		750 ft (228.6 m)
Coverage		2250 sq ft (209 sq m)
Color		White
Unit Weight (oz/sq yd)	ASTM D3776-96	1.35
Thickness (mil / mm)	ASTM D1777-96	9.7 mil (0.25 mm)
Sheet Grab Tensile (MD)	ASTM D4632-96	29 lb
Sheet Trapezoid Tear (MD)	ASTM D1117-98	5.9 lb

TECHNICAL ASSISTANCE & SERVICES

GCP provides technical assistance in the product selection, specification, and application guidelines for all GCP HRA systems. Field representatives are available for consultation in each region.

For more information, contact GCP Technical Services at 800-396-8134 x2

North America customer service: 1-877-4AD-MIX (1-877-423-6491)

We hope the information here will be helpful. It is based on data and knowledge considered to be true and accurate, and is offered for consideration, investigation and verification by the user, but we do not warrant the results to be obtained. Please read all statements, recommendations, and suggestions in conjunction with our conditions of sale, which apply to all goods supplied by us. No statement, recommendation, or suggestion is intended for any use that would infringe any patent, copyright, or other third party right.

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