

# PERM-A-BARRIER® HRA FABRIC Data Sheet

Polyester Reinforcement for Waterproofing Systems

## Product Description

PERM-A-BARRIER® HRA FABRIC is a spunbonded polyester fabric valued for strength when used as the reinforcement in PERM-A-BARRIER 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

PERM-A-BARRIER® HRA – Hot Rubber Membrane

PERM-A-BARRIER® HRA FABRIC– Polyester Reinforcement

PERM-A-BARRIER® HRA NEOPRENE 12" x 100' – Neoprene for Flashing

PERM-A-BARRIER® HRA NEOPRENE 6" x 100' – Neoprene for Flashing

PERM-A-BARRIER® HRA PROTECTION G – Fiberglass Protection Sheet

PERM-A-BARRIER® HRA PROTECTION P – Polyester Protection Sheet

BITUTHENE® ADHESIVE PRIMER B2 LVC – Primer

PERM-A-BARRIER® HRA CAP – Cap Sheet for Wall Flashing

## Safety & Handling

PERM-A-BARRIER® 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](http://www.gcpat.com) or by contacting your local representative.

## APPLICATION

PERM-A-BARRIER 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 PERM-A-BARRIER HRA to the properly prepared and primed substrate at a minimum 90 mils (2.3 mm) thick. While hot and tacky place the PERM-A-BARRIER 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. PERM-A-BARRIER HRA will begin to saturate the fabric from below. Pour additional PERM-A-BARRIER HRA over the reinforcement and squeegee to a minimum 125 mils (3.2 mm) to fully encapsulate the PERM-A-BARRIER 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)**

GCP Applied Technologies Inc., 2325 Lakeview Parkway, Suite 475, Alpharetta, GA 30009, USA

GCP Canada, Inc., 294 Clements Road, West, Ajax, Ontario, Canada L1S 3C6

This document is only current as of the last updated date stated below and is valid only for use in the United States. It is important that you always refer to the currently available information at the URL below to provide the most current product information at the time of use. Additional literature such as Contractor Manuals, Technical Bulletins, Detail Drawings and detailing recommendations and other relevant documents are also available on [www.gcpat.com](http://www.gcpat.com). Information found on other websites must not be relied upon, as they may not be up-to-date or applicable to the conditions in your location and we do not accept any responsibility for their content. If there are any conflicts or if you need more information, please contact GCP Customer Service.

Last Updated: 2024-06-24

[gcpat.com/solutions/products/perm-a-barrier-hra-waterproofing-system/perm-a-barrier-hra-fabric-data-sheet](https://gcpat.com/solutions/products/perm-a-barrier-hra-waterproofing-system/perm-a-barrier-hra-fabric-data-sheet)