

PERM-A-BARRIER® HRA NEOPRENE Data Sheet

Uncured neoprene rubber membrane for use in bituminous waterproofing systems

Product Description

PERM-A-BARRIER®HRA NEOPRENE is an uncured neoprene rubber membrane designed to reinforce wall, base flashings, expansion joints and other details in hot rubberized asphalt waterproofing systems.

For other HRA system products see the individual product data sheets



Product Details

PERM-A-BARRIER HRA NEOPRENE is a thermoset neoprene rubber membrane used in conjunction with PERM-A-BARRIER HRA. PERM-A-BARRIER HRA NEOPRENE is an uncured sheet material that is easy to mold around penetrations and can be used to detail flashings, drains, transitions, irregular shapes, and expansion joints. It has excellent tensile and elongation strength and can easily withstand thermal expansion and contraction. PERM-A-BARRIER HRA NEOPRENE is typically placed within PERM-A-BARRIER HRA but can be used as a protection course in certain approved exposed conditions.

Roll Dimensions	6" x 100' 12" x 100'
Standard Thickness	60 mils (1.5mm)
Approximate Weight	6" / 20lb, 12" / 40lb
Shelf life	maximum 9 months from the date of manufacturing

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

For other Perm-A-Barrier HRA products details, see the individual product data sheet.

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 or by contacting your local representative.

STORAGE & USE

Rolls should be stored upright off the ground and completely protected from the weather. Do not attempt application if ice, snow, moisture, or dew are present or inclement weather is expected. Do not use material that is 9 months old or has become inflexible and hard to mold.

APPLICATION

Remove green protective film from top of PERM-A-BARRIER HRA NEOPRENE prior to application of membrane. Apply PERM-A-BARRIER HRA at 90 mils (2.3 mm) and while hot install the PERM-A-BARRIER HRA NEOPRENE. Mold to shape as needed to flash transitions. A minimum 2" (50.8 mm) overlap is required between sections of neoprene. PERM-A-BARRIER HRA must be applied between membrane overlaps to completely seal the joints. Cover the neoprene with additional PERM-A-BARRIER HRA at about 125 mils (3.2 mm) to fully encapsulate it within the hot rubber.

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.

Typical PROPERTIES after vulcanization

Test Description	Test Method	Results*
Tensile Strength	D412 Die C	1484 PSI
Elongation	D412 Die C	267%

Tear Resistance	D412 Die C	171 Lb./in
Brittleness Point @ - 40°F	D2137	Does not Break
Ozone Resistance		No Cracks @ 7 X
168 Hrs./100pphm/104°F/50% Ext.	D1149	Magnification
Water Absorption, Max. Mass 166 Hrs. @ 158°F	D471	8.50%

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

gcpat.com | North America Customer Service: +1 (877) 423 6491

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