



**Exterior Commercial Hot Rubberized Asphalt
WATERPROOFING MEMBRANE**





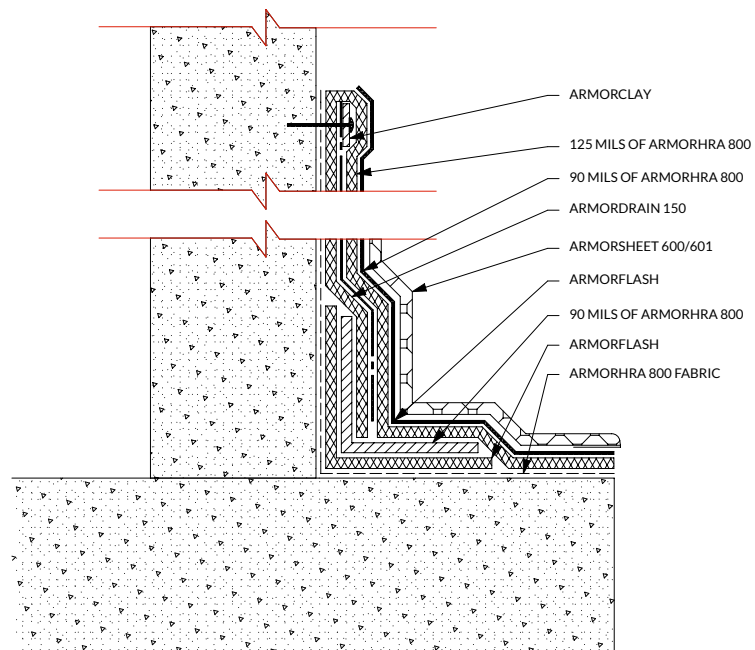
A Hot Rubberized asphalt membrane for bridge, plaza or promenade decks, tunnels, pedestrian concourses and similar types of construction where a monolithic waterproofing membrane is needed.

Why ArmorHRA?

When using a hot rubberized asphalt, the resulting membrane conforms to surface irregularities. Plus, full adhesion to deck restricts lateral water movement and 100% solids provides immediate cure upon cooling. The end result, a consistent, easy-to-apply and cure waterproofing solution for most horizontal applications.



Foundation Wall / Footing Termination



- #### ADVANTAGES: ArmorHRA
- Seamless application provides monolithic waterproofing.
 - Bridges non-working cracks up to 1/16" in width.
 - Conforms to surface irregularities.
 - Full adhesion to deck restricts lateral water movement.
 - 100% solids provides immediate cure on cooling.

Product Description:

Mar-flex ArmorHRA 800 Hot Rubberized Applied Waterproofing Membrane is a single-component, rubberized asphalt compound that forms a tough, flexible, thick waterproofing membrane. ArmorHRA 800 is comprised of 24% pre-consumer material and can contribute toward LEED® credits in new construction. ArmorHRA 800 adheres to virtually any sound vertical or horizontal surface, to ensure water will not migrate beneath the membrane in the event of physical damage. The fast setup time speeds the completion of the waterproofing. ArmorHRA 800 Hot-Applied Liquid Membrane is applied in a thick, monolithic coating utilizing ArmorHRA 800 Reinforcing Fabric, which allows for a wide variety of substrate conditions. ArmorHRA 800 is used for waterproofing splitslab construction projects and is especially suited as the waterproofing membrane on roofdecks using the inverted roof membrane assemblies and green roof systems.



Product Application:

ArmorHRA 800 is used for waterproofing splitslab construction projects and is especially suited as the waterproofing membrane on roof decks using the inverted roof membrane assemblies and green roof systems, as well as, bridges, parking, plaza, or promenade decks; tunnels; pedestrian concourses; and similar types of construction where a monolithic waterproofing membrane is desirable.



ArmorHRA Specifications (800) (See Product Catalog for complete details on ArmorHRA 800 and Accessories)

Property	Solids Content	Flow	Penetration (1/10 mm)	Flash Point	Water Vapor Permeance	Elongation	Toughness	Ratio of toughness to peak load	Adhesion	Viscosity	Water Absorption	Pinholing	Low temp. flexibility	Low temp. crack bridging	Heat stability in viscosity, penetration, flow or low temp flexibility after aging	Resiliency	Resistance to mild acids	Minimum ambient temperature for application	Acid Resistance	Sodium Chloride Resistance	Fertilizer Resistance
Method	ASTM D1353	ASTM D5329	ASTM D5329	ASTM D92	ASTM E96 (E)	ASTM D412	CGSB-37.50-M89	CGSB-37.50-M89	CGSB-37.50-M89	CGSB-37.50-M89	CGSB-37.50-M89 max. 0.35g [gain]	CGSB-37.50-M89	CGSB-37.50-M89	CGSB-37.50-M89	ASTM E 154	ASTM D3405	-	-	ASTM D896	ASTM D896	ASTM D896
Typical Value	100%	Control <3 Post Heating <3	Control @ 77°F=57 Control @ 2°F=183	539°F (282°C)	1.1 ng/Pa-s-m²	>1,094%	23.9 J	0.101	Pass	Control -6 Post Heating -4	0.07g	N/A	Pass	Pass	Pass	>60%	No effect	0°F	50% Sulfuric Acid w/o blistering, deterioration, delamination or re-emulsification	Passed 20% Sodium Chloride w/o blistering, deterioration, delamination or re-emulsification	Passed 0/10/10 Fertilizer w/o blistering, deterioration, delamination or re-emulsification

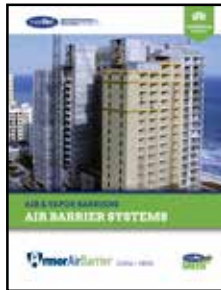


COMPLETE COMMERCIAL SOLUTION

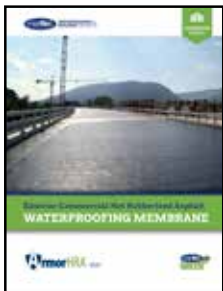
Mar-flex offers the best commercial waterproofing products in the industry.



ArmorClay



ArmorAirBarrier



ArmorHRA



ArmorMasonry Sealer



ArmorSheet



ArmorDrain

ArmorFoam



ArmorMembrane

ArmorBlock

Mar-flex® Waterproofing & Building products

We are a family-owned innovative manufacturer of commercial grade, waterproofing foundation and air barrier products. We offer unsurpassed quality and reliability with time tested solutions for the building industry.

Complete waterproofing systems

Mar-flex has set the industry standard for offering superior water-based and solvent-based waterproofing membranes, an extensive “green” product assortment and a wide range of drainage and insulation boards to complete the job based on your market’s needs.

Visit our website, www.mar-flex.com/armor for more information:

- Detailed Product Sheets
- Detailed Spec Sheets
- Detailed Application Descriptions
- Detailed Installation Guides

Mar-flex Warranty

Mar-flex Waterproofing & Building Products warrants this product to be free of defects in workmanship and materials only at the time of shipment from our factory. If any Armor Series materials prove to contain manufacturing defects that substantially affect their performance, Mar-flex Waterproofing & Building Products will, at its option, replace the materials or refund its purchase price.

This limited warranty is the only warranty extended by Mar-flex Waterproofing & Building Products with respect to its materials. There are no other warranties including the implied warranties of merchantability and fitness for a particular purpose.

Mar-flex Waterproofing & Building Products specifically disclaims liability for any incidental, consequential or other damages including, but not limited to, loss of profits or damages to a structure or its contents arising under any theory of law whatsoever.

The dollar value of Mar-flex’s liability and buyer’s remedy under this limited warranty shall not exceed the purchase price of the Mar-flex Waterproofing & Building Products material in question.



Printed on recycled paper

Try the complete line of Mar-flex products.

[Bentonite Clay Waterproofing](#) |
 [Self-Adhering Sheet Waterproofing](#) |
 [Fluid-Applied Waterproofing](#)
[Drainage Mats](#) |
 [Fluid-Applied Dampproofing](#) |
 [Air & Vapor Barriers](#) |
 [Hot-Applied Waterproofing](#)
[Foam Insulation](#) |
 [Masonry Sealer](#)