



# AIR & VAPOR BARRIERS AIR BARRIER SYSTEMS

**A**rmorAirBarrier™ 1200p / 1800i





Air barrier systems deliver energy savings of 30-40% in heating climates and 10-15% in cooling climates. - NIST Study

### Why Air and Vapor Barriers?

The majority of problems a building endures are due to moisture, and its impact on the degradation of components. When moisture enters a building envelope via air leakage and then fluctuates with different temperatures and time periods, it can rot envelope components, rust and decay structural supports, and damage exterior finishes.

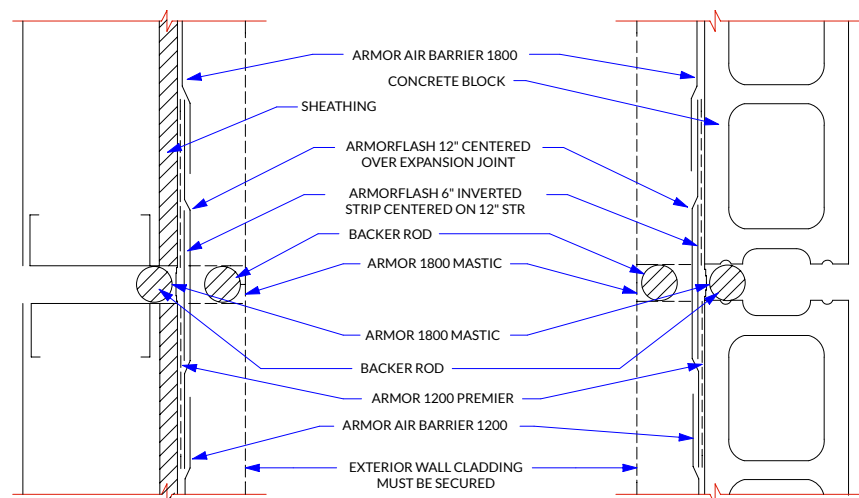
Mar-flex Waterproofing and Building Products is committed to demystifying the proper use of air barriers, and air and vapor barriers, to assure the proper installation of building envelopes that are effective, efficient, and green.



### ADVANTAGES:

- Low Odor (water-based 1200p)
- Breathable - high water vapor-permeance
- Seals around penetrations and brick ties
- UV resistant
- Seamless monolithic membrane
- Adheres fully to CMU, concrete, wood, OSB, exterior drywall, metal and other construction surfaces
- VOC is less than 20g (water-based version)
- Water resistant –performs as a rain screen

### Air & Vapor Barrier Expansion Joints



### Product Description:

A permeable membrane ideal for managing the flow of air and water vapor through the building envelope.

### Product Application:

**ArmorAirBarrier1200p** is intended as a breathable air barrier for all types of cavity wall construction. 1200p has been formulated to protect the building envelope from air filtration and exfiltration, while still allowing the transmission of water vapor to prevent condensation in the wall assembly.

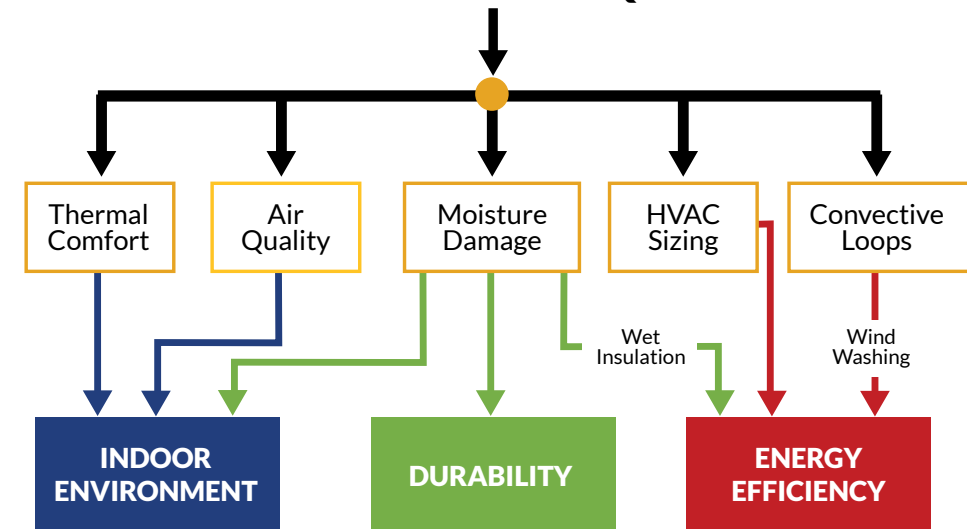
### Product Description:

An impermeable membrane ideal for managing the flow of air and water vapor through the building envelope.

### Product Application:

**ArmorAirBarrier 1800i** is a, solvent-based, liquid applied copolymer rubber air/vapor barrier membrane. 1800i cures to form a flexible seamless 100% rubber membrane which provides excellent resistance to air and vapor transmission. 1800i is designed to be used in conjunction with all sections of the building envelope to provide a continuous airtight system. 1800i can be used on new construction or retrofit, commercial, industrial or institutional applications as a non-accessible air/vapor barrier for all types of cavity wall construction e.g. over exterior face of the inner cavity wall.

### AIR LEAKAGE CONSEQUENCES



### ArmorAirBarrier General Specifications (1200p and 1800i)

(See Product Catalog for complete details on ArmorAir Barrier 1200p and 1800i and Accessories)

Property	Type	Air Barrier	Vapor Barrier	Air Leakage	Vapor Permeance ASTM E96	Water Tightness CGSB 37.58- M86	Elongation ASTM D412	UV Exposure	Application Temperature	Coverage	Dry Time	Color	Application Method
<b>1200p</b>	Elastomeric emulsion water-based	yes	No	< 0.004 CFM/ft <sup>2</sup> (ASTM E2178)	12.0 perms	pass	1200%	unlimited	minimum 41°F / 5°C	50 - 60 ft <sup>2</sup> /gal	12 - 24 hours	gray	Spray, brush or roller
<b>1800i</b>	100% rubber polymer solvent-based	yes	Yes	< 0.004 CFM/ft <sup>2</sup> (ASTM E283)	0.08 perms	pass	1800%	30 days	minimum 15°F / -95°C	23 - 30 ft <sup>2</sup> /gal	12 hours	gray	Spray, brush or roller



# COMPLETE COMMERCIAL SOLUTION

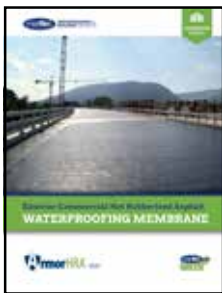
**Mar-flex offers the best commercial waterproofing products in the industry.**



**ArmorClay**



**ArmorAirBarrier**



**ArmorHRA**



**ArmorMasonry Sealer**



**ArmorSheet**



**ArmorDrain**



**ArmorMembrane**



**ArmorFoam**

**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](http://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.

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



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