



*Exterior Below-Grade Commercial Bentonite Waterproofing System*

## **ArmorClay Bitumen Tape**

### **Description**

ArmorClay Bitumen Tape consists of a 4-mil cross-laminated HDPE sheet laminated to 26 mils of Butyl Rubber and release liner. ArmorClay Bitumen Tape is used on the ArmorClay 600, ArmorClay 1000 and ArmorClay 1500 waterproofing systems. Excellent performance on both waterproofing and Gas/Vapor projects.

### **Uses**

ArmorClay Bitumen Tape is used to protect the seams of multiple Mar-flex waterproofing systems from fluid and vapor transmission. ArmorClay Bitumen Tape maybe used on all grade line termination ArmorClay 600, ArmorClay 1000 and ArmorClay 1500. (All grade line terminations require the concrete to be primed with Mar-flex's Curetite Adhesive.)

### **Installation**

Clean all seams free from debris or dust. Center and hand apply tape over the ArmorClay 600, ArmorClay 1000 and ArmorClay 1500. Use a hand roller and roll out any air voids.

### **Required Prep Work**

Grade line termination requires use of ArmorClay adhesive applied 2" over the waterproofing membrane. Clean the top 2" of waterproofing membrane. Center and adhere the ArmorClay Bitumen Tape to the concrete and waterproofing membrane. Note the top edge of the ArmorClay Bitumen Tape and the top of the grade line should be level.

Always address and resolve landscaping and topical water management issues before final grade line taping. For complete installation guidelines, please contact Mar-flex, ask your sales Representative, or go to our website at [www.mar-flex.com](http://www.mar-flex.com) for details.

### **Packaging**

Rolls are 4" x 100'. Shipped as 6 rolls minimum cartons, weight of 44 lbs (20 kg). 48 cartons per skid maximum.

### **Storage**

Protect from moisture. Store in original shipping container on skid or pallet, cover with polyethylene or tarp.

### **Availability**

Available world-wide through authorized Mar-flex distributors. Contact us for details.

### **Limitations**

Installation blow 40° F can reduce overall adhesion.

### **Limited Warranty**

Mar-flex warrants its products will be delivered free of defects in materials and workmanship. Mar-flex will replace the material or refund the purchase price. Mar-flex makes no other warranty, including an implied warranty of merchantability or fitness for a particular purpose. Mar-flex shall not be liable for any other loss or damage. Contact Mar-flex to discuss specific details for extended warranty periods.

**HEALTH AND SAFETY INFORMATION IS GIVEN IN THE SAFETY DATA SHEET (SDS) AND THE PRODUCT DATA SHEET AVAILABLE FOR THIS PRODUCT. THESE SHOULD BE READ AND UNDERSTOOD BEFORE USING THIS PRODUCT.**



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## **ArmorClay Bitumen Tape**

**ArmorClay Bitumen Tape Typical Physical Properties**

<b>Property</b>	<b>Method</b>	<b>Results</b>
Bitumen Tape		Butyl rubber adhesive with cross laminated HDPE backing
Thickness		30 mils (7.6 mm)
Puncture Resistance: Composite	ASTM E154	40 lbs (18.2 kg)
Film	ASTM D781	Kg/CM 110
Tensile Strength: Composite	ASTM D412 Modified Die C	750 psi
% Elongation at break	ASTM D412 Modified Die C	400%
Water Vapor Transmission (Permeance)	ASTM E96 Method B	0.1 max. Grains/Sq.Ft./Hr. in HG
Installation Temperatures	ASTM D746, ASTM D1238	40°F to 150°F (4°C to 65.5°C)