

**Physical Properties**

<b>Air Leakage @ 75 Pa</b> <0.02 L/(s m <sup>2</sup> ) (0.004 cfm/SF at 0.3" water)	<b>Flow</b> +230°F	<b>Surfacing</b> Aluminum foil laminate
<b>Application Temperature</b>  20°F min. See Application Section.	<b>Low Temp Pliability @ -15°F (-26°C)</b> No effect. ASTM D-146 (Modified)	<b>Tensile Strength Film - PSI (N/mm<sup>2</sup>)</b> 5000 ASTM D-882 (Method A)
<b>Color</b> Metallic Aluminum	<b>Maximum VOC/VOS</b> 0 calculated	<b>Thickness</b> 45 mils (nominal)
<b>Elongation-Ultimate Failure of Rubberized Asphalt</b> >85% ASTM D-412 (Modified Die C)	<b>Peel Adhesion to Primed Steel - lb/in.width (N/mm)</b> 15.0 ASTM D-1000	<b>Water Vapor Transmission US perms (g/Pa-s-m<sup>2</sup>)</b> .014 ASTM E-96 B

**Description**

**HE200AM - METAL CLAD WEATHER BARRIER** is a self-adhesive composite membrane of rubberized asphalt and dual-layers of high strength polyethylene with surface layer of metallic aluminum film. Supplied in various width rolls with removable release film, this self-adhered waterproofing and air barrier product exhibits excellent weathering resistance due to metallic surfacing as well as high adhesion to various substrates including: building penetrations, window openings, transitions, and roof surfaces. Commonly used in **Building Envelope System®** air barrier transition in conjunction with **Air-Bloc®** or **Blueskin®** membranes. Priming is required for maximum adhesion.

**Advantages:**

- Aluminum surfacing offers ideal substrate for adhesion of construction sealants
- UV and weather resistance due to metallic aluminum surfacing
- Excellent adhesion to primed surfaces
- Compatible with other Henry BES components
- Flexible for ease of penetration detailing
- 100% solids - No VOC's

Product meets Mass Energy Code for Air Leakage.

**Usage**

**HE200AM - METAL CLAD WEATHER BARRIER** is primarily designed for use as a self-adhered air, vapor and rain barrier sheet membrane. Its principal application is on walls of either masonry, concrete, plywood, OSB or exterior grade gypsum board sheathing. It is also used as a transition sheet in conjunction with Henry Liquid Membranes and tying into metal on curtain walls, windows and doorframes.

## Surface Preparation

Acceptable substrates include precast and cast-in place concrete, CMU, steel, aluminum, galvanized metal, exterior grade gypsum board, OSB and plywood. All surfaces to receive this product must be dry, clean of oil, dust and excess mortar. Strike masonry joints flush. Concrete surfaces must be smooth and without large voids, spalled areas or sharp protrusions. Concrete must be cured a minimum of 14 days and must be dry before product is applied. Where curing compounds are used, they must be clear resin based, without oil, wax or pigments. All surfaces to receive **Metal Clad** require an application of **Blueskin® Adhesive** or **Blueskin LVC** applied by lambs wool roller, brush or spray at the rate of 85 to 250 sq. ft./gal. depending on porosity and texture of surface, and allowed to dry for 30 minutes before **Metal Clad** is applied. Ensure that all surfaces receive **Metal Clad** in the same day. For application temperatures above 40°F, **Aquatac** may be used at a rate up to 500 sq. ft./gallon. Allow to dry to a tacky film.

## Application

If used in a Henry Air Barrier system, refer to Guide Specification for additional detailed systems application information.

**HE200AM - METAL CLAD WEATHER BARRIER** must be lapped a minimum of 2" on both sides and end laps. Position membrane for alignment; remove protective film and press firmly in place. Roll membrane, including seams, with a counter top roller to ensure full contact. When using membrane with brick ties, position membrane, press in place and cut for ties or projections. Seal around any openings and at leading edge at the end of the days work with **Henry #925 BES Sealant**, **Henry 570-05 Polybitume**, or **Air-Bloc** liquid membrane. Detail work must be carefully carried out to ensure continuous air tightness of the air barrier system.

**Storage:** Store rolls in original shipping containers until ready to use. Protect from water, high humidity, heat greater than 120°F, direct sunlight, and other contaminants that would inhibit adhesion. If below 40°F or exhibiting stiffness in handling, store in a warm room until product warms to workable condition.

**Limitations:** Not to be used in direct contact with flexible PVC/vinyl membranes or gaskets. Some sealants may discolor if in contact with the asphalt compound or may soften the asphalt compound. Contact sealant manufacturer for compatibility or more information.

## Caution

### KEEP OUT OF REACH OF CHILDREN!

Employers should obtain a copy of the **Material Safety Data Sheet (MSDS)** from your supplier or directly from Henry at the toll free number or website below.

## Product Sizes

4IN X 33.5 FT ROLL (3.44 lb)	6IN X 33.5FT ROLL (5.17 lb)	9IN X 33.5FT ROLL (7.75 lb)
12IN X 33.5FT ROLL (10.33 lb)	18IN X 33.5 FT ROLL (15.5 lb)	36IN X 33.5FT ROLL (31 lb)

## Limited Warranty

We, the manufacturer, warrant only that this product is free of defects, since many factors which affect the results obtained from this product - such as weather, workmanship, equipment utilized and prior condition of the substrate - are all beyond our control. We will replace at no charge any product proved to be defective within 12 months of purchase, provided it has been applied in accordance with our written directions for uses we recommended as suitable for this product. Proof of purchase must be provided. **DISCLAIMER OF WARRANTIES AND LIMITATION OF LIABILITY: THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. MANUFACTURER SHALL HAVE NO LIABILITY OF ANY KIND BEYOND PRODUCT REPLACEMENT, INCLUDING FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM ANY DEFECTS OR ANY DELAYS CAUSED BY REPLACEMENT OR OTHERWISE. THIS LIMITED WARRANTY PROVIDES THE PURCHASER'S EXCLUSIVE REMEDY FOR ANY DEFECT IN THE PRODUCT.**