



EcoFlash Self Adhered Air Barrier Transition Strips

Product:

EcoFlash Transition Strips for Air/Vapor Barrier products.

Uses

EcoFlash Transition Strips are designed to be used as a surface transition strip with Air Barrier Assembly's.

Can also be used for flashing.

System Components:

EcoFlash transition strips are self-adhering smooth surfaced modified bitumen membranes (transition strips). The strips should be located at beams, columns, changes in substrate material, and similar joints or connections to provide continuity of the air/vapor barrier assembly.

The strips come in 75' lengths and are available in 4", 6", 12", 18" and 24" widths.

1800 or 1200 VP are spray applied coatings providing a 100% bond to the substrate by manufacturer accredited applicators.

1800 and 1200 Primer are the primers for the transition strip.

1800 or 1200 Mastics are used to fill any cracks or voids in the masonry that will be receiving the system.

Composition and Materials:

EcoFlash Transition Strip is a self-adhering, cold applied composite sheet membrane comprised of 36 mils of rubberized asphalt integrally bonded to a 4 mil film of high density cross-laminated polyethylene for a minimum thickness of 40 mils.

Limitations: Not designed to perform as a permanently exposed membrane. Product is designed to withstand job site exposure for approximately six weeks; however, good practice calls for covering as soon as possible.

Technical:

Applicable Standards: See Physical Properties Chart.

Installation:

Preparatory Work:

Refer to Examination section of specification for substrate requirements by others (new construction).

Under the work of the air barrier section of work, the following preparatory requirements include:

- 1) Ensure that all surfaces are dry, smooth and regular, free of all voids, defects and excessive dust.
- 2) Filling any voids with proprietary mastic substrate filler (1800 or 1200 Mastic).
- 3) Concrete surfaces must be smooth and without voids, spalled areas or sharp protrusions.
- 4) Concrete must be cured a minimum of 14 days and must be dry before the transition strip is applied.
- 5) Prime all surfaces to receive the transition strip by using the 1200 or 1800 Primer applied by roller, brush or spray equipment at a rate of 100-300 ft²/gal.; depending on porosity and texture of surface.
- 6) Allow primer to dry prior to installing the transition strip. Ensure that all primed surfaces receive the transition strip in the same day.

Installation:

- 1) Ensure that all surfaces are dry, smooth and regular, free from defects and excessive dust.
- 2) 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 transition strip is applied.
- 3) Prime all surfaces to receive the transition strip using the primer. Apply primer with a roller, brush or spray equipment at a rate of 100-300 ft²/gallon depending on porosity and texture of the surface. Allow primer to dry prior to membrane installation. Ensure that all primed surfaces receive the transition strip in the same day.
- 4) Use pre-cut, easy to handle lengths for each location.
- 5) Typically, installation of the transition strip begins at the base of the wall areas.
- 6) Overlap a minimum of 2" onto both surfaces. When properly aligned, roll back and remove protective film. Place transition strip against surface by pressing firmly with a hand roller. Note: When using the transition strip with brick ties, position strip, press in place and then cut for ties and protrusions. Seal around any openings with the 1800 or 1200 VP Mastic.
- 7) Seal top edge of transition strip with 1800 or 1200 VP Mastic.
- 8) After transition strips are in place, follow the application procedures for the liquid applied 1800 or 1200 VP membrane.

Board type cavity wall insulation is then adhered to the 1800 or 1200 VP membrane after an initial set time of approximately 1 to 2 hours, to prevent convection currents occurring behind the insulation. Once applied the insulation is firmly and permanently adhered into place and cannot be removed.

Wedges or clips, normally used to secure the insulation may be reduced.

Typical Physical Properties*:

Property	Test Method	Test Results
Puncture Resistance – Film	ASTM D 781	110 kg/CM
Puncture Resistance of Composite Membrane	ASTM E 154	40 min.
Elongation of Rubberized Asphalt	ASTM D 882 (modified)	400% min.
Tensile Strength of Composite	ASTM D 412 (modified)	750 PSI min.
Water Vapor Transmission (Permeance)	ASTM E 96 (method B) (Grains/ft ² /Hr in HG)	0.05 Max.
Total Thickness		40 mils
Coverage	Roll – 18" x 75'	112.5 ft ² *
Color		White

*Based on 2" side and end laps.



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Availability:

The components are available across the United States and throughout Canada from dealers. Contact Marflex Customer Service for the closest Dealer/Applicator. Current price lists available from Dealers/Applicators along with standard conditions of sale.

Product Only Warranty:

The information herein is the best available relating to transition strip and the recommendations contained herein are based on tests believed to be reliable.

Marflex Building Solutions warrants the product to be of good quality and manufactured to meet published physical properties and quality control standards and will replace or refund the purchase price of this product if proved defective within one year of date of application. This warranty does not apply if there is no working drainage system.

Except as specifically provided herein, Marflex Building Solutions makes no warranty, express, implied or oral including but not limited to any warranty or merchantability, fitness for a particular purpose, usage of trade, course of dealing or course of performance in connection with this agreement. In no event shall Marflex be liable on any such warranty with respect to the transition strip. Marflex shall not be liable for incidental or consequential damages including, but not limited to damages of the structure, its replacement, contents or personal injury. Some states do not allow limitations on how long an implied warranty lasts or allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Maintenance:

The transition strip does not require any maintenance. Damaged areas are easily repaired by using the appropriately sized strip to extend a minimum of 4" in all directions from the perimeter of the effected area.

Technical Services:

Technical support is available from Marflex Building Solutions. Call toll free: 1-800-498-1411
Tel: (513) 422-7285

Specification assistance.

Site advice and recommendations.

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

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