

WaterWay™ 19MD Rainscreen Drainage Mat

Description

WaterWay 19MD is a nominal 4/5 inch - 19mm thick **Mortar Deflection System** that enhances moisture drainage and ventilation in masonry construction. The product consisting of a polymer core of fused entangled filaments. This filament matrix design prevents mortar droppings from blocking and clogging at the base walls and/or head joint drainage channels. This deflection system to insure an uninterrupted drainage path is achieved that also contributes to air circulation & ventilation. Depending on design requirements WaterWay11MD can accommodate cavities of less than 1inch up to 2 inches thick. Simply install a single layer for thinner cavities or double into a “U” configuration for wider space requirements.

Recommended Applications

- *Cavity Wall Assemblies*
- *Natural Stone*
- *Manufactured Stone Veneers*
- *Concrete Block*
- *Masonry Construction*
- *Brick*
- *Brick Veneers*
- *All through- wall penetration*

Additional Applications

- *Retaining walls*
- *Beneath slabs*
- *Interior planters*
- *Underground parking*
- *Earth sheltered homes*
- *Exterior planters*
- *Residential basements*
- *Pavements*
- *Commercial buildings*

Features and Benefits

- Creates space for water drainage & ventilation
- 50 times faster at draining water than standard weather resistive barriers
- Keeps wet claddings away from the building & weather resistive barriers
- 90% Open space within cavity
- Provides cushion between building & cladding assembly – Reduced cracking
- Up to 40% recycled content – LEED Credits

Available in both:
58 inch wide rolls (full wall coverage) - **20 inch wide rolls** (bottom of wall / above flashings)

Standard Packaging Information		
Product	USA (metric)	WaterWay 19MD
Core Material	Polypropylene	
Total Thickness	inches (mm)	0.8 (20.3)
Width	inches (cm)	58 (147.3)
Length	feet (meters)	37.3 (11.37)
Area	sq. ft. (m ²)	180 (16.7)
Roll diameter (average)	inches (cm)	27 (68.5)
Gross roll weight (average)	lbs (kg)	32 (14.5)

Installation Procedure

These suggestions represent generally accepted procedures for successful installation. It may be followed, modified, or rejected by the owner, engineer, contractor or their representative to accommodate project specific requirements.

Prior to installation ensure that:

1. The substrate is sound, that there are no voids or other protrusions or conditions that would interfere with the drainage plane.
2. Weather resistive barrier / waterproofing materials are properly installed to allow drainage without water penetration.
3. All flashing details have been properly executed consistent with construction documents.

Complete Wall Coverage:

Install masonry drainage mat continuously throughout full-height of all exterior masonry cavities during construction of exterior Wythe; follow manufacturer's installation instructions. Verify that air space width is no more than 3/8 inch greater than masonry mat thickness. Install horizontally between joint reinforcement. Stagger end joints in adjacent rows. Use multiple layers at bottom of wall and above through-wall flashings when air space depth exceeds masonry mat thickness by more than 3/8 inch. Extend extra mat at least to top of base flashing. Butt adjacent pieces to moderate contact. Fit to perimeter construction and penetrations without voids.

Place weep vents in head joints at exterior Wythe of cavity wall located immediately above ledges and flashing, spaced 24 inches on center, unless otherwise shown. Leave the side of the masonry units forming the vent space unbuttered and clear of mortar. Install with notched side down. Slide vent material into joint as the two masonry units forming the weep vent are placed.

Deflection Device Only:

Place a continuous strip in the cavity at all flashing locations. Place horizontally on top of the flashing to ensure that the mortar droppings are broken up and deflected away from the weep holes. Mechanical attachment is not typically required.

** Review Specifications

Storage & Handling

WaterWay 19MD should be stored at temperature between 50 degrees to 90 degrees, out of direct sunlight.



STUC-O-FLEX INTERNATIONAL, INC.
17639 NE 67TH COURT
Redmond, WA 98052
1-800-305-1045
1-425-885-5085
info@stucoflex.com
www.stucoflex.com