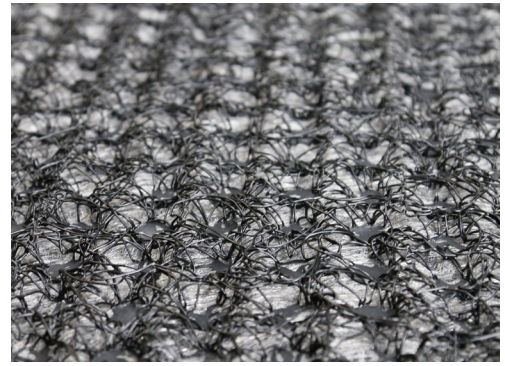


AMICO HYDRODRY™

MOISTURE MANAGEMENT SOLUTION



HYDRODRY RAINSCREEN

Description

AMICO HydroDry Rainscreen is an exterior wall drain product for use behind traditional stucco, EIFS, manufactured stone, fiber cement, metal panels and continuous insulation applications. Drainage channels provide a drain path and ventilation cavity for incidental moisture between exterior wall finish materials and weather barrier sheathing. This product design combines the benefit of compressive strength per traditional testing measurements with a spring-like structure. This product is designed for commercial or residential applications.

Applications

Versatile - can be installed with different building materials and construction methods in walls behind:

- Traditional Stucco on Lath
- Manufactured Stone on Lath
- Continuous Insulation EIFS
- Metal Panels
- Fiber Cement Board Siding

Features and Benefits

- Continuous ventilation and drainage which removes incidental moisture from wind driven rain pressure differential
- Redirects and draws moisture away from vulnerable wall sheathing materials
- Conforms to irregular surfaces and corners with complete and effective coverage
- Provides 100% coverage of wall area
- Filter fabric assures drain path remains completely clear of stucco or mortar
- Designed to create open flow path even at excessive pressures
- Dimensionally stable in hot weather,
- Not brittle in cold weather

Physical Properties

Property	Imperial Units	Metric Units
Core Material	Polypropylene	
Total Thickness	0.28 in	7.04 mm
Total Weight	9.76 oz/yd ²	276.8 g/m ²
Fabric Weight	1.76 oz/yd ²	50.0 g/m ²
Core Weight	8.0 oz/yd ²	226.8 g/m ²
Flame Spread	ASTM E84, Class A	

Filter Properties

Property	Imperial Units	Metric Units	Test Method
Nylon & Polyester	PA6 & PET		
Fabric Color	Grey		
Weight	1.76 oz/yd ²	50.0 g/m ²	ASTM D5261

Packaging

Property	Imperial Units	Metric Units
Product ID	HDRS06BLKD	
Thickness	.236 in	6m
Width	39 in	990.6 mm
Length	61.5 ft	18.75 m
Roll Area	200 ft ²	18.58m ²

Polymer Properties

Polypropylene has excellent resistance to organic solvents, degreasing agents, acids, and alkalines. It has tensile strength superior to high density polyethylene. It has a low moisture absorption rate, is resistant to staining, and is very light weight.

Installation

These suggestions represent generally accepted procedures for successful installation. It may be followed, modified, or rejected by the owner, engineer, contractor or their representative since they, not AMICO, are responsible for planning and executing procedures appropriate to a specific application.

Prior to installation the contractor's responsibility is to:

1. Ensure the substrate is sound, there are no voids, protrusions or conditions that would interfere with the systems performance. Acceptable sheathing types include those typically approved for local use such as plywood, oriented strand board, water-resistant gypsum and others. Consult your local building code for approved materials.
2. Ensure that the substrate is flat or plumb within 6.4mm (1/4 inch) in a 1.2m (4-foot) radius.
3. Ensure that windows and doors have been properly flashed and sealed and also that roof flashings have been properly installed.
4. Ensure that weather resistant barrier (WRB) is properly installed to allow proper detailing & installation of rain-screen mat.

Attaching to WRB / Sheathing:

1. For wall applications, work from bottom of wall to top beginning at a corner with filter fabric flap to the bottom. Wrap the building completely, covering all door and window penetrations, stopping at all wall ends. Ends should be terminated at a furring strip of matching thickness of the Rainscreen to prevent air movement to adjoining wall.
2. At all window and door openings, cut out rectangle of mat within the rough opening. Take care not to cut or damage WRB.
3. At the bottom of the mat, on framed and sheathed walls place a weep screed, or approved screed. WRB and mat should be placed over top of the back flange of the weep screed to create the proper shingle affect for water management.
4. At wall terminations, place a wood termination strip along the outside edge of each wall to create a wind dam for negative wind load.

Quality Assurance

Our Quality Management System has been approved to the ISO 9001 Quality Management System Standard. Certificates are available on request. The data reproduced in this document reflects our best knowledge at the time of issue. It is subject to change arising from new research and development, as are the properties of the products described. We do not accept any liability for results.



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