

Description

EnkaRain Drain 3511 is an exterior wall drain product designed for use behind traditional stucco, EIFS, manufactured stone, fiber cement & metal panel applications. This rainscreen drain provides a drain path & ventilation for incidental moisture between exterior wall finish materials & weather barrier sheathing. This product has a unique waffle geometry that combines the benefit of compressive strength according to traditional testing measurements with the spring-like structure of other Enkadrain products.

Recommended Applications

- In Walls Behind Traditional Stucco on Lath
- In Walls Behind EIFS
- In Walls Behind Manufactured Stone on Lath
- In Walls Behind Siding
- In Walls Behind Metal Panels
- In Walls Behind Fiber Cement
- In Walls Behind Brick

Features and Benefits

- Continuously ventilates-removing incidental moisture from wind driven rain pressure differential.
- Redirects & 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.
- Waffle design creates open flow path even at excessive pressures.
- Dimensionally stable in hot weather, not brittle in cold.

Technical Data

Physical Properties

Property	English Units	Metric Units	Test Method
Core Material	Polypropylene		
Total Thickness	0.45 in	11.43 mm	ASTM D6525
Total Weight	17.47 oz/yd ²	592 g/m ²	ASTM D5261
Fabric Weight	1.47 oz/yd ²	50.0 g/m ²	ASTM D5261
Core Weight	16.0 oz/yd ²	542 g/m ²	ASTM D5261
Recycled Content Min. - Core	40% Post Industrial (by weight)		
Recycled Content Min. - Total	36.6% Post Industrial (by weight)		

Packaging

Property	English Units	Metric Units
Product ID	3511-100-3900	
Width (less flap)	39.0 in	99.10 cm
Width (with flap)	43.5 in	110.5 cm
Length	100 ft	30.5 m
Area	324 ft ²	30.1 m ²
Roll Diameter	26 in	66.0 cm
Gross Roll Weight	43 lbs.	19.3 kg

Colbond Inc.

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Technical Data

Fabric Properties

Property	English Units	Metric Units	Test Method
Polymer	PA6 & PET		
Fabric Color	Grey		
Weight	1.47 oz/yd ²	50.0 g/m ²	ASTM D 5261
Grab Strength MD/CD	112.0 lbs	498.2 N	ASTM D 4632
Values are MARV Minimum Average Roll Value			

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 Colbond Inc., are responsible for planning and executing procedures appropriate to a specific application.

Prior to installation the contractor's responsibility is to:

1. Ensure that the substrate is sound, that there are no voids or other 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 barrier is properly installed to allow proper detailing & installation of drain mat.

Attaching to Weather Barrier/Sheathing:

1. For horizontal application, work from bottom to top (For vertical applications work from a corner). 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 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 weather barrier.
3. At the bottom of the mat, place a foundation weep screed, a "J" weep hole termination bar, or flashing with weeps. Weather barrier and mat should be placed over top of the back piece of the weep screed, termination bar, or flashing to create the proper shingle and 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.

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