



ENKADRAIN[®] 3801

BUILDING PRODUCTS - DRAINAGE



PRODUCT DESCRIPTION

Enkadrain 3801 is a new thin drainage composite which is part of the Enkadrain family of environmentally conscious products. It consists of a post-industrial recycled white polypropylene drainage core and a strong white Colback filter fabric thermally bonded to one side and a grey Colback fabric bonded to the other. The U groove entangled filament configuration is protected from UV degradation for 30 days. This products post-industrial recycled content, can help contribute up to 2 LEED points when used in conjunction with other recycled content products. Enkadrain 3801 can contribute towards other LEED points when used with a green roof by reducing stormwater runoff, heat islands & energy consumption.

APPLICATIONS

- ▶ Split Slab Construction
- ▶ Plaza Decks
- ▶ Under Pavers
- ▶ Green Roofs
- ▶ Foundation Walls

FEATURES AND BENEFITS

- ▶ Excellent durability
- ▶ Reflects heat to prevent insulation board warping & membrane softening during construction
- ▶ Continuous flow in all directions, even under high loads
- ▶ Protects waterproofing during construction
- ▶ Conforms to irregular surfaces and corners
- ▶ Long rolls reduce installation costs by reducing butt seams and eliminating interlocking
- ▶ Recycled content polymer contributes towards LEED points
- ▶ 3" fabric overlap flap on both front a back fabrics

PHYSICAL 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.

SIZE AND PACKAGING

PROPERTY	ENGLISH UNITS	METRIC UNITS
Core Width	48.0 in	121.9 cm
Length	50 ft	15.2 m
Area	22.2 yd ²	18.6 m ²
Area	200 ft ²	18.6 m ²
Roll Diameter	15 in	38.1 cm
Gross Roll Weight	32.0 lbs	14.5 kg



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RUF^{CO}® 300

SPECIFICATIONS

PHYSICAL PROPERTIES

Property	Imperial	Metric
Core Material	Polypropylene - 40% Recycled	Polypropylene - 40% Recycled
Thickness	0.30 in	7.6 mm
Total Weight	21.9 oz/yd ²	742.6 g/m ²
Core Weight	16.0 oz/yd ²	542.6 g/m ²

FLOW RATES

Property	1.0 Gradient
500 psf	10.55 gal/min/ft
1000 psf	9.71 gal/min/ft
2000 psf	8.34 gal/min/ft
3000 psf	6.63 gal/min/ft
4000 psf	4.99 gal/min/ft

Typical flow vs. pressure for vertical applications (ASTM D 4716)
Sample Configuration: Plate/Enkadrain/Plate

FABRIC PROPERTIES

PROPERTIES		TEST METHOD	ENGLISH		METRIC
Polymer			PA6 & PET		
Fabric Color			White/Grey		
Weight		ASTM D5261	2.95 oz/yd ²		100.0 g/m ²
Grab Strength MD/CD		ASTM D4632	125.0 lbs		556.0 N
Grab Elongation		ASTM D4632	40%		40%
Trapezoidal Tear		ASTM D4533	40.0 lbs		177.9 N
Puncture Strength		ASTM D4833	35.0 lbs		155.0 N
AOS (maximum average)		ASTM D4751			0.357 mm
Flow Rate		ASTM D4491	185.0 gal/min/ft ²		125.6 l/sec/m ²
Permittivity		ASTM D4491	2.5 sec ⁻¹		2.5 sec ⁻¹

Values are MARV Minimum Average Roll Value

NOTE: To the best of our knowledge, unless otherwise stated, these are typical property values and are intended as guides only, not as specification limits. Chemical resistance, odor transmission, longevity as well as other performance criteria is not implied or given and actual testing must be performed for applicability in specific applications and/or conditions. AMERICOVER, INC. MAKES NO WARRANTIES AS TO THE FITNESS FOR A SPECIFIC USE OR MERCHANTABILITY OF PRODUCTS REFERRED TO, no guarantee of satisfactory results from reliance upon contained information or recommendations and disclaims all liability for resulting loss or damage. Limited Warranty available at www.Americover.com

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