



ENKADRAIN® W 3601

BUILDING 3D MATS - 3D DRAINAGE

PRODUCT DESCRIPTION

Enkadrain® W 3601 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 very strong but lightweight white Colback filter fabric thermally bonded to one side. The U groove entangled filament configuration is protected from UV degradation for up to 30 days. This product, because it has 40% post-industrial recycled content, can help contribute up to 2 LEED points when used in conjunction with other recycled content products. Enkadrain® W 3601 can contribute towards additional LEED points when used with a green roof by reducing stormwater runoff, heat islands and energy consumption.

APPLICATIONS

- ▶ Split slab construction
- ▶ Plaza decks
- ▶ Under pavers
- ▶ Green roofs
- ▶ Foundation walls

FEATURES & 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

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.

PHYSICAL PROPERTIES

Property	Imperial	Metric
Core Material	PP - 40% Recycled	
Total Weight (avg.)	18.95 oz/yd ²	642.6 g/m ²
Core Thickness	0.30 in	7.6 mm
Core Weight (avg.)	16.0 oz/yd ²	542.6 g/m ²

FLOW RATES

Pressure	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

PACKAGING

Property	Imperial	Metric
Core Width	39.0 in	99.1 cm
Length	185 ft	56.4 m
Area	67 yd ²	56.0 m ²
Gross Roll Weight	83 lbs	37.5 kg

FABRIC PROPERTIES

PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Polymer		PA6 & PET	
Fabric Color		White	
Weight	ASTM D-3776	2.95 oz/yd ²	100 g/m ²
Grab Strength	ASTM D-4632	125.0 lbs	556 N
Grab Elongation	ASTM D-4632	40%	40%
Trapezoidal Tear	ASTM D-4533	40 lbs	178 N
Puncture Resistance	ASTM D-4833	35 lbs	155 N
AOS (maximum average)	ASTM D-4751		0.357 mm
Flow Rate	ASTM D-4491	185.0 gal/min/sq.ft	125 l/sec/sq. m
Permittivity	ASTM D-4491	2.5 sec ⁻¹	2.5 sec ⁻¹

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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