

EnkaDrain®W 3601 Draining Solutions

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 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

Physical Properties	Property	English Units	Metric Units
	Core Material	PP – 40% Recycled	
	Thickness	0.30 in	7.6 mm
	Total Weight	18.95 oz/yd ²	642.6 g/m ²
	Core Weight	16.0 oz/yd ²	542.6 g/m ²

¹ Low & Bonar Test Method: ASTM D 1621 modified and ASTM D4716
^{*} Failure defined as reaching yield point or no continued measurable flow under stated load

Quality Assurance

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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	

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

Fabric Properties	Property	English Units	Metric Units	Test Method
	Polymer	PA6 & PET		
Fabric Color	White/Grey			
Weight	2.95 oz/yd ²		100.0 g/m ²	ASTM D 3776
Grab Strength MD/CD	125.0 lbs		556 N	ASTM D 4632
Grab Elongation	40%		40%	ASTM D 4632
Trapezoidal Tear	40.0 lbs		178.0 N	ASTM D 4533
Puncture Resistance	35.0 lbs		155 N	ASTM D 4833
AOS (maximum average)	-		0.357 mm	ASTM D 4751
Flow Rate	185.0 gal/min/ft ²		125 l/sec/m ²	ASTM D 4491
Permittivity	2.5 sec ⁻¹		2.5 sec ⁻¹	ASTM D 4491

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.

Packaging	Property	English Units	Metric Units
	Product ID	3601-185-3900	
Core Width	39.0 in		99.1 cm
Length	185.0 ft		30.5 m
Area	67.0 yd ²		56.0 m ²
Area	603.0 ft ²		56.0 m ²
Roll Diameter	TBD in		TBD cm
Gross Roll Weight	83.0 lbs		37.5 kg

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