



ENKADRAIN® 9010

BUILDING 3D MATS - 3D DRAINAGE

PRODUCT DESCRIPTION

Enkadrain® 9010 is a product consisting of a nylon core of fused, entangled filaments and a geotextile fabric bonded to one side.

APPLICATIONS

- ▶ Planters
- ▶ Playgrounds
- ▶ Zoos

FEATURES & BENEFITS

- ▶ Excellent durability
- ▶ Continuous flow in all directions, even under high loads
- ▶ Conforms to irregular surfaces and corners with complete and effective coverage
- ▶ Long rolls reduce installation costs by eliminating interlocking and excessive seams

FLOW RATES

Pressure	1.0 Gradient
500 psf	5.5 gal/min/ft
750 psf	3.5 gal/min/ft
12000 psf	2.5 gal/min/ft
1500 psf	1.5 gal/min/ft
2000 psf	1.0 gal/min/ft

PHYSICAL PROPERTIES

Property	Imperial	Metric
Core Material	Nylon 6	
Total Weight (avg.)	14.1 oz/yd ²	478.0 g/m ²
Core Thickness	0.40 in	10.2 mm
Core Weight (avg.)	10.9 oz/yd ²	369.0 g/m ²
Compressive Load Test	<30,000 psf	1437.0 kN/m ²
Durability Characteristics	80% Strength Retention	
Low Temperature	-100° F	-73° C
High Temperature	250° F	121° C
Fuel & Gasoline Submersion	Stable	
Fire Rating	NFPA Class A2	
Smoke Density	15	
Flame Spread	25	
Fuel Contribution	0	



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FABRIC PROPERTIES

PROPERTIES	TEST METHOD	IMPERIAL	METRIC
Polymer		PA6 & PET	
Fabric Color		Grey	
Weight	ASTM D-3776	3.2 oz/yd ²	109.0 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	1251 l/sec/sq. m
Permittivity	ASTM D-4491	2.5 sec ⁻¹	2.5 sec ⁻¹

PACKAGING

PROPERTY	IMPERIAL	METRIC
Core Width	39.0 in	99.1 cm
Length	100 ft	30.5 m
Area	36 yd ²	30.1 m ²
Roll Diameter	24.0 in	61.0 cm
Gross Roll Weight	36 lbs	15.9 kg

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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