

Product Data

Driwall™ Prefabricated Composite Drain 10/022

Description

Driwall™ Prefabricated Composite Drain 10/022 is a nominal 0.3-inch, “zig-zag” geometric patterned core, drainage mat designed to eliminate hydrostatic pressure from behind foundation walls, retaining walls, planters, plaza decks, and balconies.

The product is produced from an extruded polymer matrix of tangled monofilaments, which are heat-welded at the junctions to form a resilient structure. This product utilizes a non-woven geotextile filter fabric to hold the soil or concrete away from the wall or deck and the core.

When using Driwall Prefabricated Composite Drain, aggregate for drainage can be eliminated from a construction site.

Applications

- ✓ Plazas, foundation walls, and planters
- ✓ Shotcrete or gunnite applications
- ✓ Green Roofs
- ✓ Roof Gardens
- ✓ Will protect soft membranes

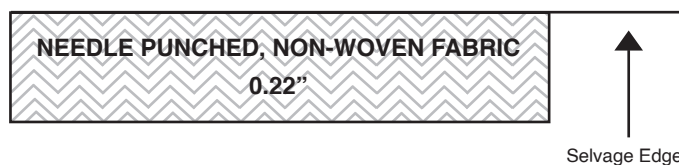
Features and Benefits

Fire resistant – Class A fire rated product

Minimal deflection, and no creep or long-term degradation

Provides a thin profile for tight construction assemblies

Lightweight and easy to handle



Physical Properties

Description	Means of Measurement		Value	
	English	Metric	English	Metric
Core Polymer	Polypropylene			
Thickness	Inches	Mm	0.3	9.0
Total Weight	oz/yd ²	g/m ²	19.0	644
Core Weight	oz/yd ²	g/m ²	16.0	542
Fabric Weight	oz/yd ²	g/m ²	3.0	102

Flow Rate Chart

Soil Depth	Wall Pressure (Max)	Seepage Clay Soil	Seepage Silty Soil	Seepage Sandy Soil	Flow
Feet	Pounds/Kg	Gpm/ft	Gpm/ft	Gpm/ft	Gpm/ft
10	400	1.2 ⁻⁷	0.00012	0.012	12
20	800	2.4 ⁻⁷	0.00024	0.024	7
30	1200	3.6 ⁻⁷	0.00036	0.036	6
40	1600	5.0 ⁻⁷	0.00050	0.050	3

Packaging

Description	Means of Measurement		Value	
	English	Metric	English	Metric
Core Width	Inches	CM	48.0	122
Length	Feet	Meters	50	15.2
Area	Square Feet	Square Meters	200	18.6
Roll Diameter	Inches	CM	15.0	38.1
Roll Weight	Pounds	Kg	28.0	12.7

Flow Rates by Application: ASTM D4716

Description	Hydraulic Grade	Average Flow Rate
3600psf	1	2.994 gpm/ft
3600psf	.5	2.011 gpm/ft
3600psf	.2	1.159 gmp/ft

See installation instructions for methods and procedures.

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The preceding paragraph sets forth the exclusive remedy for all claims based on failure of or defect in the goods sold hereunder, whether such failure or defect arises before or during the warranty period and whether a claim, however instituted, is based on contract, indemnity, warranty, tort (including negligence), strict liability or otherwise. The forgoing warranty is exclusive and is in lieu of all other warranties whether written, oral, implied or statutory.



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