

## Product Data

# Driwall™ Prefabricated Composite Drain 10/040

### Description

Driwall™ Prefabricated Composite Drain 10/040 is a 0.40-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
- ✓ Balconies
- ✓ Bored rock tunnels with moisture flow
- ✓ Shotcrete or gunnite applications
- ✓ Drainage below grade using the Austrian Tunneling Method
- ✓ Can be used with a waterproofing membrane on one side
- ✓ 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 English/Metric		Value English/Metric	
Core Polymer	Polymeric			
Thickness	Inches	Mm	0.40	10.0
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	20.0	678
Core Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	17.0	576
Fabric Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	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 <sup>-7</sup>	0.00012	0.012	12
20	800	2.4 <sup>-7</sup>	0.00024	0.024	7
30	1200	3.6 <sup>-7</sup>	0.00036	0.036	6
40	1600	5.0 <sup>-7</sup>	0.00050	0.050	3

## Packaging

Description	Means of Measurement English/Metric		Value English/Metric	
Core Width	Inches	CM	48.0	122
Length	Feet	Meters	100	30.4
Area	Square Feet	Square Meters	400	37.2
Roll Diameter	Inches	CM	24.0	61.0
Roll Weight	Pounds	Kg	55.6	25.2

See installation instructions for methods and procedures.

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