

Product Data

# Driwall™ Prefabricated Composite Drain 10/025-2 MEM

## Description

Driwall™ Prefabricated Composite Drain 10/025-2 MEM is a 0.33-inch, “ZIG-ZAG” geometric patterned core, drainage mat designed to eliminate hydrostatic pressure from behind foundation walls, retaining walls, planters and plaza decks, while providing an impermeable membrane surface for the face of the structure.

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 structure utilizes a filter fabric to hold the soil away from the wall and core. A fabric is heat-laminated to the surface on one side so that in one step, aggregate for drainage can be eliminated from a construction site.

On the other side of the drain’s three-dimensional core, a polypropylene membrane is heat-laminated. This membrane will act as a plane to stop moisture penetration to the foundation and in one step, provide drainage and waterproofing.

## Applications

- ✓ Residential foundation walls and ICF systems
- ✓ Retaining walls
- ✓ Planters
- ✓ Commercial drainage of plazas and walls without a protection course
  - Including hot – applied membranes (without protection course)
  - Bitumen sheet membranes (without protection course)
  - Cold-applied liquid membranes (without protection course)

## Features and Benefits

Filtration, drainage and membrane in one product

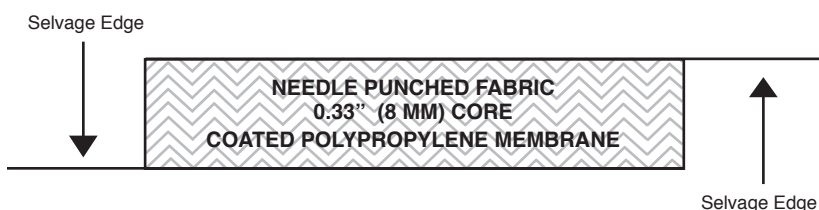
Lightweight and easy to handle

Simple installation with construction adhesive or termination bar

Polymer core resistant to most known corrosive chemicals, including solvents

Wide rolls for one wrap around the residential foundation

No expensive seaming, fastening and termination accessories



## Physical Properties

Description	Means of Measurement English/Metric		Value English/Metric	
Core Polymer			Polymeric	
Thickness	Inches	Mm	0.33	8.0
Total Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	24.6	834
Core Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	14.7	498
Fabric Weight	oz/yd <sup>2</sup>	g/m <sup>2</sup>	3.6 (1 FABRIC)	122 (1 FABRIC)
Waterproofing Layer	oz/yd <sup>2</sup>	g/m <sup>2</sup>	6.3	214

## 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	8
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	75.0	22.9
Area	Square Feet	Square Meters	300	27.9
Roll Diameter	Inches	CM	29.0	73.7
Roll Weight	Pounds	Kg	51.2	23.2

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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