

Product Data

Driwall™ Prefabricated Composite Drain 10/025

Description

Driwall™ Prefabricated Composite Drain 10/025 is a 0.25-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 | 0.25 | 6.0 |
| Total Weight | oz/yd ² | g/m ² | 19.0 | 644 |
| Core Weight | oz/yd ² | g/m ² | 14.9 | 505 |
| Fabric Weight | oz/yd ² | g/m ² | 4.1 | 139 |

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 English/Metric | | Value English/Metric | |
|---------------|--|---------------|-------------------------|------|
| Core Width | Inches | CM | 48.0 | 122 |
| Length | Feet | Meters | 100 | 30.5 |
| Area | Square Feet | Square Meters | 400 | 37.2 |
| Roll Diameter | Inches | CM | 22.0 | 55.9 |
| Roll Weight | Pounds | Kg | 53.0 | 24.0 |

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.



P.O. Box 241353
 Mayfield Heights, OH 44124
 Info@KeeneBuilding.com
 KeeneBuilding.com

877 | 514 | 5336
 P 440 | 605 | 1020
 F 440 | 605 | 1120