

Product Data

N-VIRE™ Mat 075N-1

A Ventilation Mat for Green Roof Vegetation

Description

N-VIRE™ Mat 075N-1 is a 0.75-inch, cusped geometric patterned core, ventilation mat designed to promote green roof vegetation.

The product is produced from an extruded nylon matrix of tangled monofilaments, which are heat-welded at the junctions to form a resilient structure that utilizes a non-woven geotextile filter fabric to hold the soil or growing media away from the roof deck and the core. The airspace allows proper ventilation and promotes optimal growing conditions.

Applications

- ✓ Ventilation of roof vegetation applications
- ✓ Drainage below green roof applications
- ✓ Natural soil separation from growing medium in green roof vegetation
- ✓ Root reinforcement for transportation of extensive roofing plants
- ✓ Root barrier to control migration into natural soils

Features and Benefits

Nylon core for flexibility and compressibility

High water flow rates – in excess of 10 gallons per minute

Fire resistant – Class A fire-rated product for roofing

Carbon black added for UV stability

Lightweight and easy to handle

Creates proper ventilation

Promotes optimal growing conditions

Non Woven Spunbound Polyester
0.75" (19 MM) CORE

Physical Properties

| Description | Means of Measurement | | Value | |
|---------------|----------------------|------------------|-----------|--------|
| | English | Metric | English | Metric |
| Core Polymer | | | Polymeric | |
| Thickness | Inches | Mm | 0.75 | 19.0 |
| Total Weight | oz/yd ² | g/m ² | 19.5 | 661 |
| Core Weight | oz/yd ² | g/m ² | 18 | 610 |
| Fabric Weight | oz/yd ² | g/m ² | 1.5 | 51 |

Packaging

| Description | Means of Measurement | | Value | |
|---------------|----------------------|---------------|---------|--------|
| | English | Metric | English | Metric |
| Core Width | Inches | CM | 48.0 | 122 |
| Length | Feet | Meters | 50.0 | 15.2 |
| Area | Square Feet | Square Meters | 200 | 18.6 |
| Roll Diameter | Inches | CM | 21.0 | 53.4 |
| Roll Weight | Pounds | Kg | 27.1 | 12.3 |

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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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