

GROUND GUARD® VM .40 F / VEGETATED MAT

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Description

Ground Guard VM is a unique alternative for pre-growing green roof plants off-site. The flexible, open structure makes a perfect environment for dirt and plants to embed and entangle while the filter fabric holds soil in place – letting water drain through. Once the root system takes hold, the matting can be rolled up and shipped to the installation site for an instant green roof. Ground Guard VM composite is made of 100% recycled nylon and polyester and is one of the eco-friendliest product choices you can make.



Applications

- ▶ Vegetated (pre-grown) mats
- ▶ Coastal and high-wind areas
- ▶ Sloped or contoured roofs
- ▶ Erosion prevention

Benefits

- ▶ Plants can be field grown off-site in matting
- ▶ Permanently secures plant roots
- ▶ Enhances plant growth and survival
- ▶ Easy for installers to roll out
- ▶ Contributes to LEED points

| PHYSICAL DATA | UNITED STATES | CANADA |
|-----------------|------------------------|-----------------------|
| Core Material | Nylon 6 | Nylon 6 |
| Fabric Material | Polyester | Polyester |
| Thickness | 0.341 in | 8.65 mm |
| Roll Weight | 24 lbs | 10.88 kg |
| Length | 100 ft | 30.48 m |
| Width | 39.0 in | 99.06 cm |
| Coverage Area | 36.11 yds ² | 30.193 m ² |

Note: 8 Rolls per pallet / 24 Pallets per truckload / Special lengths available upon request.

| TECHNICAL DATA | UNITED STATES | CANADA | TEST METHOD |
|------------------------------|---------------------------|-----------------------|------------------|
| Mass / Unit Area (composite) | 10.50 oz/yds ² | 356 gm/m ² | ASTM D 5261 |
| Tensile MD | 357 lb/ft | 5.21 kN/m | ASTM D 5035 mod. |
| TD | 254 lb/ft | 3.71 kN/m | |
| Elongation MD | | 52% | ASTM D 5035 mod. |
| TD | | 49% | |

MD=Machine Direction / TD=Transverse Direction

Green Roof Products

- Ground Guard® RR .40 / Root Reinforcement
- Ground Guard® VM .40 F / Vegetated Mat
- Ground Guard® with Fertil-Fabric / Vegetated Mat
- Watairvent® GR .40 F / Drainage Mat

