

GROUND GUARD® RR .40 / ROOT REINFORCEMENT

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Description

Made of 100% recycled nylon, Ground Guard RR provides an effective and eco-friendly choice for securing plant roots in all types of green/vegetated roof systems. The tough black nylon mesh has an open structure which makes a perfect environment for dirt and plants to embed, entangle, and permanently anchor roots.



Benefits

- ▶ Permanently secures plant roots
- ▶ Enhances plant growth and survival
- ▶ Plants can be grown off-site in matting
- ▶ Lightweight and easy to install
- ▶ Easy to roll out and soil fill
- ▶ Contributes to LEED points

Applications

- ▶ Intensive and extensive green roofs
- ▶ High-wind areas
- ▶ Sloped or contoured roofs
- ▶ Vegetated (pre-grown) mats
- ▶ Erosion prevention

PHYSICAL DATA	UNITED STATES	CANADA
Core Material	Nylon 6	Nylon 6
Thickness	0.361 in	9.16 mm
Roll Weight	19.5 lbs	8.845 kg
Length	100 ft	30.48 m
Width	39 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	8.66 oz/yds ²	294 gm/m ²	ASTM D 5261	
Tensile	MD TD	100.0 lb/ft 68.8 lb/ft	1.46 kN/m 1.00 kN/m	ASTM D 5035 mod.
Elongation	MD TD	60% 53%	ASTM D 5035 mod.	

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

