



ADVANCED
Building Products Inc.

Green Roof Drainage & Root Stabilization Mats 2025



Sky Meadow® Drainage Mat

Description

Sky Meadow® drainage mat is an entangled net specifically manufactured for horizontal roofing applications. Sky Meadow® is produced from an extruded polymer matrix of entangled oriented monofilaments that are shaped into a series of parallel porous waffle channels designed to allow flow in all directions. The entangled net filaments are then attached via a heat bonding process to a polyester nonwoven filter fabric designed to prevent the entangled net from damaging the root barrier. The moisture retention mat, which is heat bonded to the top of the matrix, holds adequate water to keep the plant roots hydrated while allowing excess moisture to drain down through the matrix system to the roof drains.

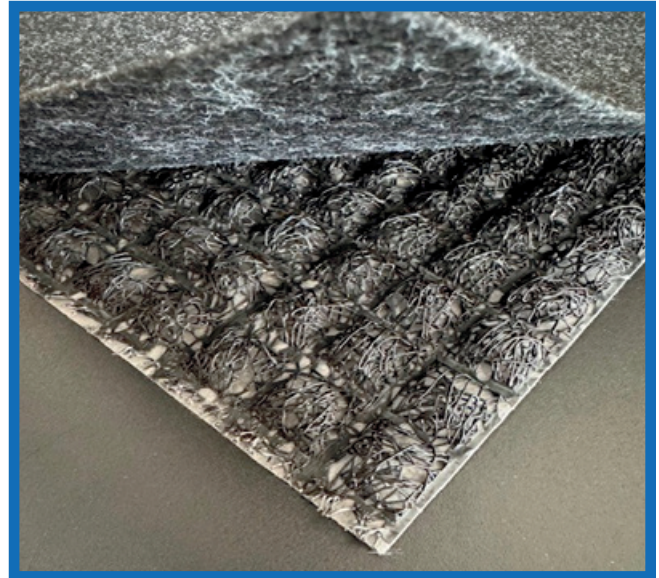


Applications

- Horizontal Green Roof Applications

Features and Benefits

- Filtration and drainage in one package
- Lightweight and easy to handle and install
- Installation in either vertical or horizontal direction
- Simple installation with either construction adhesive or termination bar
- Sufficient fabric overlap for sealing adjacent panels with construction adhesive to prevent soil intrusion at the joints
- Polymer core is resistant to most known solvents and chemicals including acids and bases
- Convenient working width and roll length



Product	Product Code	Thickness (in.)	Width (in.)	Length (ft.)	Sq. Ft. per Pallet
Sky Meadow® 25	SKYGR25	.25"	39.5"	100'	2,633
Sky Meadow® 40	SKYGR40	.40"	39.5"	82'	2,159
Sky Meadow® 75	SKYGR75	.75"	39.5"	50'	1,316

Description

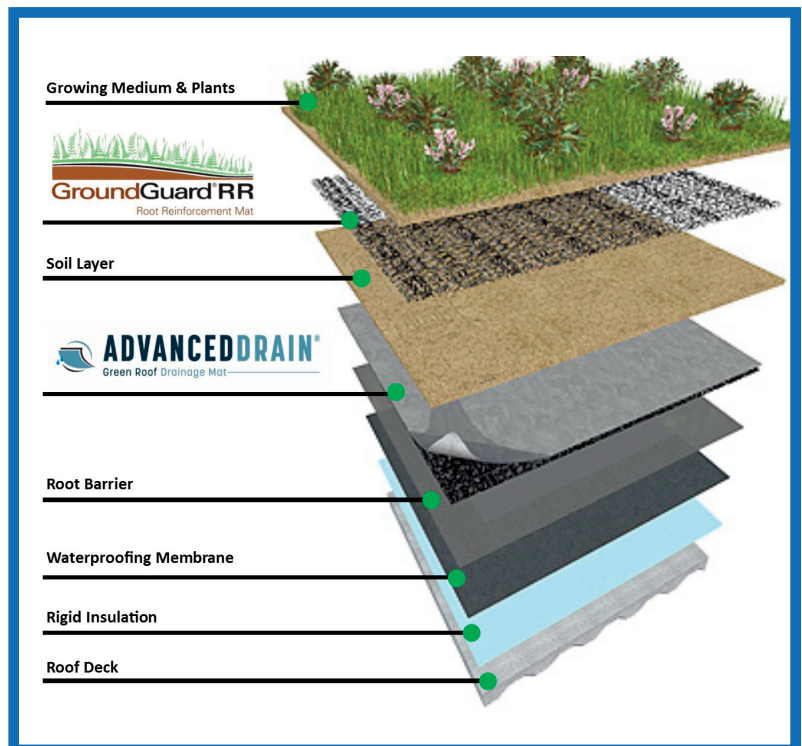
Ground Guard® root reinforcing mat provides an effective and eco-friendly choice for securing plant roots in all types of erosion prone areas. The tough, black nylon mesh has an open structure which makes a perfect environment for dirt and plants to embed and entangle, permanently securing plant roots in place. Once the root system is established, you have a permanent solution for anchoring vegetation. The **Ground Guard®** root reinforcing mat is a natural choice for vegetated roof applications requiring soil and root stability.

Applications

- Channels & slopes
- Green roof/roof gardens
- Sloped or irregular shaped roofs
- High-wind environments
- Eco-habitats

Benefits

- Permanently secures plant roots
- Enhances plant growth and survival
- Lightweight and easy to soil fill
- Dimensionally stable in warm or cold weather
- Convenient working width and roll length



Product	Product Code	Thickness(in.)	Width (in.)	Length (ft.)	Sq. Ft. per Pallet
Ground Guard®	GGRR40	.40"	39"	100'	2,600



Description

AdvancedDrain® is our most versatile drainage composite, tough enough to handle a number of applications as indicated below. Its durable polypropylene drainage core flexes under foot and lightweight traffic, leaving an open structure for maximum, multi-directional water flow. The heavy-duty polyester filter fabric lets water pass through, but keeps soil particles from clogging the core.

AdvancedDrain® promotes unobstructed water and air flow to help keep the structure it is protecting in peak condition.

Features and Benefits

- Recycled content contributes to LEED points
- Fabric flap makes joining sections easier
- Cuts with a utility knife or scissors
- Reduces the ability for moisture to become trapped
- Filtration & drainage in one package
- Lightweight and easy to handle on jobsites
- Installation in either vertical or horizontal directions
- Convenient working width and roll length

Vertical Drainage Applications - Commercial

- Foundation Walls
- Retaining Walls
- Planters
- Underground Parking

Vertical Drainage Applications - Civil/Transport

- Tunnels
- Bridge Abutments
- Retaining Walls

Vertical Drainage Applications - Residential

- Basement Walls
- Retaining Walls

Horizontal - Commercial

- Plaza Decks
- Vegetated Green Roofs
- Pavers & Patios
- Balconies
- Planters
- Under Slab
- Split Slab

Horizontal - Residential

- Yard Drainage

Horizontal - Athletics

- Golf Courses
- Natural Turf Fields
- Playgrounds



Fabric on 1 Side	Product Code	Thickness (in.)	Width (in.)	Length (ft)	Sq. Ft. per Pallet
AdvancedDrain®	BDG125F1	.125"	39.5"	150'	4,937.5
AdvancedDrain®	BDG250F1	.25"	39.5"	135'	3,555
AdvancedDrain®	BGD400F1	.40"	39.5"	100'	2,633

Fabric on 2 Side	Product Code	Thickness (in.)	Width (in.)	Length (ft)	Sq. Ft. per Pallet
AdvancedDrain®	BDG125F2	.125"	39.5"	150'	4,937.5
AdvancedDrain®	BDG250F2	.25"	39.5"	135'	3,555
AdvancedDrain®	BGD400F2	.40"	39.5"	100'	2,633



Individual product test data for drainage, compression, and ventilation available upon request.



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