

ROOFSCAPES® TerraDRAIN NF-10



High-Strength Needled Felt Retention & Drainage Panel (10 mm)

Description

Terra-DRAIN™ NF-10 (Needled Felt) is a 0.75" (10 mm) thick water retention and drainage mat engineered to optimize green roof performance and enhance your project's sustainability. Designed with a proprietary blend of 100% recycled, low/mid-denier fibers, this mechanically bonded needled felt mat enhances capillary action for efficient water absorption and distribution, ensuring consistent moisture availability for rooftop vegetation.

Built for durability, flexibility, and long-lasting performance, Terra-DRAIN™ NF-10 is a sustainable solution made from 100% recycled materials. It improves stormwater management, mitigates urban heat island effects, and supports biodiversity in green roof applications.



Coverage

300 sq/ft

Benefits

- High capillary action allows for improved drainage and stormwater runoff
- Self-extinguishing material
- Resistant to chemicals, mildew, and bacteria
- 100% recycled material
- Strong acoustic and thermal insulation
- Mitigates urban heat island effects

Uses

- Green roofs
- Vegetative roofs
- Garden roofs
- Under slab drainage
- Assemblies requiring water retention and/or filtration



LEED Credits available for:

- Materials & Resources (MR)

Properties

Description	Measurement	Test Method
Material	100% Recycled Needled Felt	
Fabrication	Mechanically Bonded	
Thickness	0.75" (10 mm)	
Dry Weight	1,464 gsm (4.8 oz/yd ²)	ASTM D-5261
Water Retention	1.7 gal/ft ²	ASTM E-2398
Elongation	100%	ASTM D-4632
Tensile Strength	330 N	ASTM D-4632
Trapezoid Tear Strength	165 N	ASTM D-4533



48" x 100'
90 lbs per roll
10 rolls per pallet