

ROOFSCAPES® Mineral Wool

Lightweight Needled Mineral Wool Mat



Description

Roofscapes® Mineral Wool is a lightweight, horticultural grade material comprised of spunrock mineral wool fibers which are mechanically needled into pliable mats without chemical binders.

Roofscapes® Mineral Wool is engineered for retention, filtration, and cultivation. A lightweight alternative to traditional growing media, the material acts as a natural filter, enhancing water quality while supporting plant health. It also provides excellent retention, absorbing roughly 3 lbs (1.4 kg) of water with only 1 lb (0.45 kg) of mineral wool. This effectively reduces runoff and manages stormwater while creating an excellent environment for plant root growth and propagation.

Roofscapes® Mineral Wool is used in Terra-SCAPES™ Extensive Mineral Wool assemblies for applications that require enhanced stormwater capabilities, low maintenance, and lower weights.

Benefits

- Lightweight, horticultural-grade rooting medium
- Promotes root growth and healthy vegetation
- Superior stormwater retention & filtration
- Efficient weight-to-water ratio

Coverage

64.6 sq/ft per roll

Uses

- Terra-SCAPES™ Extensive Mineral Wool assemblies
- Green roofs requiring high water retention and minimal structural load



LEED Credits available for:

- Materials & Resources (MR)

Properties

Description	Measurement	Test Method
Material	Spunrock Mineral Wool	–
Fabric	Mechanically Needled	–
Dimensions	3.3' x 19.7'	–
Coverage	Mechanically Needled	–
Thickness	1" (25 mm)	ASTM D-1777
Density	8.43 lbs/ft ³ (134.88 kg/m ³)	–
Maximum Water Retention	98%	ASTM E-2397
Flow Rate	0.1 gpm/ft (h.g.=1)	ASTM D-4716
Weight - Dry	0.9 lbs/ft ²	ASTM E-2397
Weight - Saturated	6.2 lbs/ft ² /1" layer	ASTM E-2397
Installation Rate	~1,500 ft ² /hr (per person)	ASTM E-2397



3.3' x 19.7'
60 lbs per roll