

Mineral Wool Retention Mat

Commercial Product Data Sheet



Description:

Mineral Wool Retention Mat is a horticultural grade water retention layer comprised of fibers of spun rock, creating abundant micropores small enough to hold large amounts of plant-available water. With a high ratio of saturated to dry weight, Mineral Wool makes an extremely efficient water retention layer.

In green roof applications, Mineral Wool is typically installed between the growing media and traditional drainage mat, or directly over water detention reservoirs. Due to its strong filtration properties, it may alleviate the need for additional filter fabrics.

Contact Siplast for additional information on approved product uses.

Uses:

Vegetated Assemblies

Thickness*	1 in. (25 mm)
Dry Density	8 lb./ft ³ (128 kg/m ³)
Material	Natural Rock, Primarily Basalt, and Slag
Retention Capacity (ASTM E2397)	>90% Max. Water Retention Per Volume
Roll Length	19.7 ft. (6 m)
Roll Width	3.28 ft. (1 m)
Roll Coverage	64.4 ft. ²

*Multiple layers may be installed as required per project stormwater calculations.



Storage and Handling:

All Siplast ParaGREEN™ products should be stored horizontally on a clean, flat surface. In order to maximize the opportunity for the plants to flourish, Mineral Wool Retention Mats should be delivered to the jobsite on the day installation is scheduled to begin.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

Packaging:

- Weight Per Roll: 48 lb. (22 kg)
- Rolls Per Pallet Box: 12