

XF 499 MINERAL WOOL

DESCRIPTION

The XF 499 Mineral Wool is a mechanically engineered, fire-resistant hygroscopic water retention layer. Which reserves water that is available for the vegetation, while excess moisture is released after a time-delay.

Composed of natural raw material (pure rocks) mainly; basalt, diabase and dolomite. Completely free from any organic or inorganic binders, as well as any other fiber coatings. Thermosetting is used in the construction of this product to adhere layers over entire contact area.

PHYSICAL PROPERTIES

Material	Mineral based stone wool, mainly basalt, diabase and dolomite
Color	Opaque, varies slightly per batch
Dimension	3.28 ft W x 16.4 ft L (1 m x 5 m) Area: 53.8 ft ² (5 m ²)
Thickness	1.02 inch (26 mm)
Weight	Dry: 0.72 lb/ft ² (3.5 kg/m ²) Saturated: 5.65 lb/ft ² (27.6 kg/m ²)
Density	8.43 lb/ft ³ (135 kg/m ³)
Water Capacity	>93%

ADVANTAGES

Fibers are free to expand and contract; therefore, they are unaffected by freeze and thaw cycles.

APPLICATION

Use XF 499 Mineral Wool under the vegetation layer for moisture retention. Always installed on-top of a drainage layer so that the material has 15-20% oxygen capacity at its maximum saturated point in order to sustain soil biology and root development.

SHIPPING

Roll: 3.28 ft x 1 inch. (1 m x25 mm)
Weight: 38.6 lb (17.5 kg)
Pallet Maximum: 12 Rolls