

XF 140 ROOT BARRIER

DESCRIPTION

The XF 140 Root Barrier serves to protect the non-resistant waterproofing membrane from root penetration.

Specially designed for applications that demand high puncture and tear strength, with additional outdoor longevity. It comes on a folded roll that is easy to handle for installation, and suitable for all green roof applications.

PHYSICAL PROPERTIES

Material	Laminated Polyethylene with Polyester
Color	Gray / Black
Roll Dimensions	12.667 ft W x 100 ft L (3.86 m x 30.5 m) Area: 1267 ft ² (118 m ²)
Material Thickness	38 mil (0.97 mm +/- 5%)
Tensile Properties (at break)	Elongation: >900% Strength: >192 ppi (336 N/cm) Tear Resistance: >24 lbs (107 N) Puncture Resistance: >80 lbs (356 N)
Weight	186.6 lbs/MSF (911 g/m ²)
Carbon Black	2.4%
2% Secant Modulus (Maximum)	30,000 psi (207 Mpa)
Hydraulic Conductivity	>1.9 x 10 ² cm/sec
Oxidation Induction Time (OIT)	100 min
Temperature Use	Maximum: 180 F (82 C) Minimum: -70 F (-57 C)

ADVANTAGES

Along with longevity, high impact & tear resistance, it also has excellent flexibility and will conform to a variety of irregular surfaces.

APPLICATION

Use XF 140 Root Barrier in all green roof systems. To be overlapped 6-inch (152.4 mm)

SHIPPING

Roll: 12.67 ft x 100 ft (3.9 m x 30.5 m dia.)
Weight: 238 lbs (107.95 kg)
Pallet Maximum: 25 rolls