

XF 120 ROOT BARRIER

DESCRIPTION

The XF 120 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 Scrim
Color	Gray / Black
Roll Dimensions	12.667 ft W x 100 ft L (3.9 m x 30.5 m) Area: 1267 ft ² (118 m ²)
Material Thickness	19 mil (0.48 mm +/- 5%)
Tensile Properties (at break)	Elongation: >900% Tensile Strength: >96 ppi (168 N/cm) Tear Resistance: 12 lb (53N) Puncture Resistance: 40 lb (178 N)
Weight	93.4 lbs/MSF (456 g/m ²)
Oxidation Induction	100 Min
2% Secant Modulus	30,000 psi (207 Mpa)
Hydraulic Conduct	3.3 x 10 ⁻¹⁰ cm/sec
Seam	Strength: 38 lbf/in (169 N/cm) Adhesion: 32 lbf/in (142 N/cm)
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 120 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)
Weight: 118 lb (53.52 kg)
Pallet Maximum: 25 rolls