

MICROFAB

Description: MICROFAB is a coated, woven and micro-perforated polyethylene fabric that is used as a root barrier for applications in planters and on green roofs and roof gardens.

MICROFAB is used as a root barrier above the SOPRADRAIN 10-G, the SOPRADRAIN GEO-M or to complete the root protection when using AQUAMAT JARDIN, between adjoining rolls and at borders, edges and details.

Advantages: MICROFAB is a physical root barrier, preventing any type of chemical from leaching to roof drains.

The perforations in the filter allow the flow of air and water but do not allow the penetration of the roots of hardy plants.

Properties:

Properties	Standards	MICROFAB
Roll Dimensions * (m)	-	1 x 91.5 (3.25 x 300 ft) 1.6 x 91.5 (5.25 x 300 ft) 3.5 x 91.5 (11.5 x 300 ft)
Thickness (mm)	-	0.46 (18 mils)
Tensile Strength (N)	ASTM D 4632	200 (45 lbf)
Elongation at break (%)	ASTM D 4632	15
Mullen Burst Strength (kPa)	ASTM D 3786	485 (70 psi)
Tear Propagation (N)	ASTM D 4533	30 (6.7 lbf)
Permeability (cm/s)	ASTM D 4491	1.5×10^{-3}

(All values are nominal)