

FLW-1000-PE

Root barrier layer

340104U3

KEY FEATURES

- Elasticity and flexibility in cold weather conditions
- Resistance to penetration of roots and rhizoms
- Great tensile strength and elongation
- Resistance to biological and chemical effects



APPLICATION

The product is particularly recommended to protect conventional waterproofing layers against root penetrations on extensive and intensive roofs. Ideal for lining planting beds. Please contact us for finding the best root barrier product which fits your plant selection.

SPECIFICATION

Root resistant layer made out of 1 mm thick, bitumen resistant high-density polyethylene. Under vegetated roofs it is recommended to apply at least 24 inches of overlapping, and the seams can be joined by using 3M double-sided tape, or a hot welding hand tool. Dimensions (W×L): 5.0×100 m; Surface weight: 0.93 kg/m²; Color: black; packaging: 500 m²/roll; roll weight: 475 kg/roll



TECHNICAL DATA

Resistance to tear (GRI-GM13): (N)	125
Elongation at break (GRI-GM13): (%)	>250
Puncture resistance (GRI-GM13): (N)	320
Breaking strenght (GRI-GM13): (N/mm)	27
Plan Size (W x L): (m)	5.0×100.0
Roll area: (m ²)	500
Roll weight: (kg)	475
Material:	HDPE
Further attributes:	bitumen resistant, no UV resistant
Density: (kg/m ³)	939
Color:	Black

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Green Up the Roof!