

Data Sheet



Root Barrier Membrane, PVC 0.8 mm

FLL-certified roof protection layer made of soft PVC for installation on non root-proof waterproofing



Technical details and properties:

Material:	Soft PVC-P as per DIN 16938
Nominal thickness:	Approx. 0.8 mm (800 μ)
Surface weight:	Approx. 1 kg/m ²
Colour:	Brown

Specific properties:

Shore hardness A:	75 as per DIN 53505
Tear resistance:	18 N/mm as per DIN 53455
Elongation at break:	320% as per DIN 53455
Tear growth resistance:	100 N/mm as per DIN 53363
Kink resistance:	Free of failure up to -30° C
Steam diffusion value:	Sd 20,000
Root resistance:	as per FLL test

Note: Incompatible with bitumen
Not UV-resistant

Accessories - Formed pieces for inner and outer corners 90°
- Collars for pipe penetration \varnothing 30, 90, 120 and 140 mm

Delivery form:

In rolls with a cardboard core	Roll width: 2 m
	Roll length: 20 m
	Roll weight: approx. 40 kg

Quantity per delivery unit: 40 m²

Area of use:

- As root protection for non root-resistant waterproofing
- As a leak-proof basin for green roofs with water accumulation
- As leak-proof and root-proof cladding for planting troughs

Storage:

Lay flat, dry, protected from frost and sunlight

Installation

Weld joints with 5 cm overlap using solvent welding or hot-air welding
(see also the Optigreen installation guide)

Disposal:

- Collection by AfDR (Arbeitsgemeinschaft für PVC-Dachbahnen-Recycling)
- Return to supplier in accordance with the pamphlet issued by AfDR

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