



Water repellent, air permeable membrane of polypropylene, applicable as breathable separation layer; e. g. on inverted green roofs or metal decks.

Technical Data

Separation and Slip Sheet TGV 21

Thermally bound, water-repellent membrane of 100 % polypropylene.

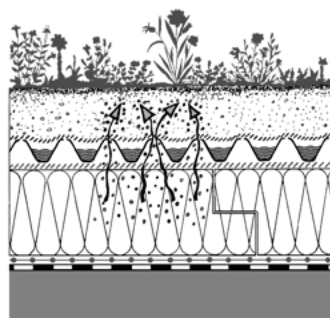
Colour:	black
Thickness:	approx. 0,55 mm
Weight:	approx. 80 g/m²
Maximum tensile strength:	140 N/50mm (Length wise) 100 N/50mm (Cross wise)
Onward tearing strength:	24 N (Length wise) 30 N (Cross wise)
Max. tensile extension:	> 150 %
Effective opening width:	Dw = 0,06 mm
Air permeability at 1 mbar:	0,45 m³/(0,01m²·min)
Water vapour permeability of air layer thickness according to Standard DIN 52 615:	sd < 0,01 m
Dimensions:	1,60 m x 250,00 m 1,60 m x 50,00 m

Features

- Chemically and biologically neutral
- Resistant to acids and alkalis
- Compatible with bitumen and polystyrene
- Non-rotting
- Quick and easy Installation
- Air and vapour permeable
- Water repellent

Application Example

"Inverted green roof "



- Plant level "Sedum Carpet"
- Growing Medium
- Filter sheet SF
- Floradrain® FD 25
- Separation and Slip Sheet TGV 21**
- Thermal insulation of extruded polystyrene
- Root barrier WSF 40
- Sub structure with rootproof waterproofing

Specification Suggestion

The thermally bound, water repellent sheet of polypropylene; s_d -value < 0,01 m according to DIN 52 615; air permeability at 1 mbar: 0,45 m³/(0,01m²·min); maximum tensile force lengthways min. 140 N/50mm; maximum tensile extension > 150 %; delivery and installation according to manufacturer's instructions.

Make: ZinCo Separation and Slip Sheet TGV 21
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