

Product Data Sheet

Separation Membrane TGV 21

Order No. 2180 / 2185



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

Technical Data

Separation Membrane TGV 21

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

Thickness:	ca. 0.55 mm
Weight:	ca. 80 g/m ²
Colour:	black
Maximum tensile strength:	lengthwise 140 N/50mm
	crosswise 100 N/50mm
Onward tearing strength:	lengthwise 24 N
	crosswise 30 N
Max. tensile extension	> 150 %
Effective opening width:	D _w = 0.06 mm
Air permeability at 1 mbar:	750 l/(m ² •s)

Water vapour permeability of air layer thickness according to German Standard DIN 52 615: $s_d < 0.01$ m

Dimensions:

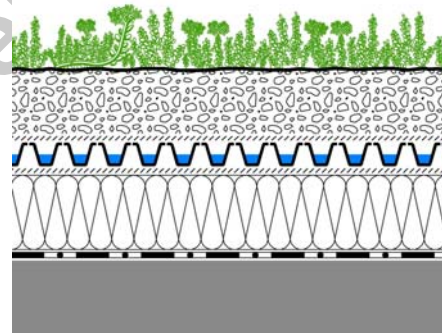
Roll width	ca. 1.60 m	
Roll length	ca. 250.00 m	Order No. 2180
	ca. 50.00 m	Order No. 2185

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 layer "Rockery Type Plants"
- System Substrate "Rockery Type Plants"
- Filter Sheet SF
- Floradrain® FD 25-E
- Separation Membrane TGV 21
- Thermal insulation of extruded polystyrene
- Root Barrier WSF 40
- Sub structure with root resistant waterproofing

Specification Suggestion

Thermally bound, water repellent sheet of polypropylene, s_d -value < 0.01 m according to German Standard DIN 52 615, air permeability at 1 mbar: $750 \text{ l}/(\text{m}^2 \cdot \text{s})$, maximum tensile force lengthways min. 140 N/50mm, maximum tensile extension > 150 %, delivery

and installation according to manufacturer's instructions.

Make: ZinCo Separation Membrane TGV 21
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