

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 167 N/50mm
	crosswise 120 N/50mm
Onward tearing strength:	lengthwise 24 N
	crosswise 30 N
Max. tensile extension	
lengthwise / crosswise:	50 %
Effective opening width:	Dw = 0.06 mm
Air permeability at 1 mbar:	750 l/(m ² •s)

Water vapour permeability of air layer thickness $s_d < 0.01$ m

Dimensions:

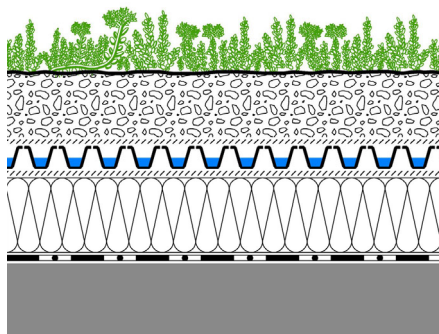
Roll width	ca. 1.60 m	
Roll length	ca. 250.00 m	Order No. 2180
	ca. 50.00 m	Order No. 2185

Features

- chemically and biologically neutral
- resistant to all naturally occurring acids and alkali
- 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, air permeability at 1 mbar: 750 l/(m²•s), maximum tensile force lengthwise 167 N/50mm, maximum tensile extension 50 %, delivery and installation according to manufacturer's

instructions.
 Make: ZinCo Separation Membrane TGV 21
 Enquiries: ZinCo GmbH,
 Phone: +49 7022 6003-0