# Product Data Sheet
# Separation Membrane TGV 21

Order No. 2180 / 2185

Vapour diffusion and air permeable membrane of polypropylene, applicable as separation layer; e. g. on inverted green roofs or metal decks.

## Technical Data

**Separation Membrane TGV 21**

Thermally bound, vapour diffusion membrane of 100 % polypropylene.

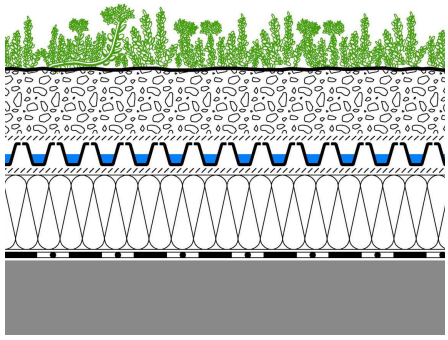
| | | |
|---|---|---|
| Thickness: | | ca. 0.55 mm |
| Weight: | | ca. 80 g/m² |
| Colour: | | black |
| Maximum tensile strength: | lengthwise | 140 N/50mm |
| | crosswise | 100 N/50mm |
| Onward tearing strength: | lengthwise | 24 N |
| | crosswise | 30 N |
| Max. tensile extension | | > 150 % |
| Effective opening width: | | Dw = 0.06 mm |
| Air permeability at 1 mbar: | | 750 l/(m²•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
- Vapour diffuse

## 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, vapour diffusion sheet of polypropylene, $s_d$-value < 0.01 m according to German Standard DIN 52 615, air permeability at 1 mbar: 750 l/(m²•s), maximum tensile force lengthwise 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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