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## PRODUCT DATA SHEET:

### Roof membrane DISCOVERY 165



#### Product characteristics:

Grammage (g/m <sup>2</sup> )	Dimensions W x L (m)	Number of layers (pcs.)	SD coefficient (m)	Tensile strength: lengthwise / crosswise (N/50mm)	Quantity per pallet (pcs.)	Product code
165	1.5 x 50	3	0.015	350/240	15	090165_0000

**Designation:** DISCOVERY 165 is a highly vapor-permeable roofing membrane designed as a pre-covering layer under the exterior roofing. The DISCOVERY 165 membrane is completely waterproof, protects the thermal insulation from the outside against rain or snow, and is an excellent windproofing material for building walls in frame and skeleton constructions, as well as in log houses, residential building structures and industrial halls.

The product can be used in all ventilated and unventilated roofs, under a variety of roof coverings (such as ceramic tile, concrete tile, steel sheet tile, etc.). The membrane's mechanical resistance allows it to be used as a pre-covering layer under exterior roofing on fully boarded roofs.

**Material:** Polypropylene



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Detailed specification:

Characteristic		Subject standard	Unit of measurement	Declared value
Dimensions	Width*	PN-EN 1848-2	m	1.5 ± 0.5%
	Roll length*		m	50 (-0/+2%)
Surface mass		PN-EN 1849-2	g/m <sup>2</sup>	165 ± 20
Reaction of fire		EN 13859-1:2010 EN 13859-2:2010	-	Class F
Watertightness			-	Class W1
Watertightness after artificial aging			-	Class W1
Tearing strength	lengthwise		N	230 (+80;-80)
	crosswise		N	300 (+90;-90)
Tensile strength	lengthwise		N/50mm	350 (+60;-80)
	crosswise		N/50mm	240 (+60;-80)
Elongation	lengthwise		%	90 (+50;-50)
	crosswise		%	110 (+50;-50)
Tensile strength after artificial aging	lengthwise		N/50mm	310 (+100;-70)
	crosswise	N/50mm	200 (+100;-70)	
Elongation after artificial aging	lengthwise	%	60 (+40;-40)	
	crosswise	%	80 (+40;-40)	
S <sub>d</sub>		EN 13859-2:2010	m	0.015 (+0.03;-0.01)
Application temperature range		-----	°C	-25 - 80

\*or as agreed with the customer



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