

PRODUCT CARD

GREENFOND ProPlus

three-layer membrane

GREENFOND ProPlus three-layer membrane designed for waterproofing and anti-damp insulation on floors or under floors as well as foundation slabs set on the ground

Polymer membrane GREENFOND ProPlus is a three-layer composite sheet, consisting of a strong polymer layer, one-sided laminated with polypropylene nonwoven, which mechanically connects with concrete. This membrane creates a continuous and full bond with poured concrete.

This prevents water migration between the structure and the membrane. The GREENFOND ProPlus membrane has a non-woven strip on the upper side, covered with a PP fleece. This strip is used to create a connection with other ProPlus strips of the membrane using a butyl tape of min. 50mm in width.



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ESSENTIAL CHARACTERISTICS	Unit	PERFORMANCE PROPERTIES	
		SINGLE	DOUBLE
Visible defects	-	lack	lack
Length	m	20 (0% do +5%)	20 (0% do +5%)
Width	m	1,500 (0% do +1%)	1,500 (0% do +1%)
Straightness	mm	≤30/10 mb	≤30/10 mb
Thickness	mm	1,300 (±5%)	1,400 (±5%)
Areal density	kg/m ²	1,150 (±5 %)	1,200 (±5 %)
waterproof	60 kPa Method B	waterproof	waterproof
waterproof	400 kPa Method B	waterproof	waterproof
waterproof	0,1 Mpa Method B	waterproof	waterproof
Resistance to static loads	kg Method B	≥20	≥20
Mechanical properties when stretched			
Maximum strength:			
- direction along:	N/50mm	≥500	≥500
- crosswise direction:	N/50mm	≥400	≥400
Elongation:			
- along:	%	≥400	≥400
- crosswise:	%	≥100	≥100
Durability			
- after artificial aging	60 kPa Method B	waterproof	waterproof
- after the action of alkali		waterproof	waterproof
Tear resistance with a nail			
- crosswise	N	≥400	≥400
- along:	N	≥450	≥450
Impact resistance	mm method A	≥300	≥300
Strength of the connector	N	≥400	≥400
Reaction to fire	grade	E	E
Dangerous substances	-	do not contain	do not contain