

Technical Data Sheet - KERABIT WIND



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Flexible sheets for waterproofing – Definitions and characteristics of underlays – Part 2: Underlays for walls EN13859-2: 2014

Product description					
Use	Underlay for walls				
Application	Applying with mechanical fastening				
Reinforcement	Polypropylene with microporous polypropylene film				
Surfacing	Polypropylene fabric				
Bottom surfacing	Polypropylene fabric				
Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-2	m	>50		
Width	EN 1848-2	mm	1500	1492,5	1522,5
Mass per unit area	EN 1848-2	g/m ²	90	83	100
Nominal thickness	EN 1848-2	mm	NPD*		
Straightness	EN 1848-2	mm	pass		150 mm/50 m
Visual defects	EN 1850-2			no defects	
AVCP- class			3		
Certificate of factory production control			-		
Fire properties	Method	Classification	Fireclass		
Reaction to fire	EN ISO 11925-2	EN 13501-1	E ¹		
Characteristic	Method	Unit	EN 13859-1	minimum	maximum
Watertightness	EN 13111		W2		
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm N/ 50 mm	170 125	150 105	190 145
Elongation - in longitudinal direction - in transverse direction	EN 12311-1	% %	45 80	30 60	70 110
Nail shank tear resistance - in longitudinal direction - in transverse direction	EN 12310-1	N N	90 100	70 80	110 120
Durability:*					
* Watertightness	EN 13111		W2		
* Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/50 mm N/50mm	140 100	120 80	160 120
* Elongation - in longitudinal direction - in transverse direction	EN 12311-1	% %	30 55	15 35	55 85
Pliability	EN 1109	°C	-20	-20	
Water vapor resistance	EN 12572/EN 1931	m	0,02	0,01	0,035
Dimensional Stability	EN 1107-2	%	< 2		0,6
Air permeability	EN 12114	(m ³ /m ² h50Pa)	< 0,8		
Hydrostatic pressure test	EN ISO 811	cm	>170		
Temperature resistance		°C	-40/+80		
Dangerous substances			No dangerous substances		
*NPD = no performance determined 1) bottomed with insulating compound			V1 11/21		