

Technical Data Sheet - KERABIT 3700 UT FLEECE



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Kerabit
Tuotteet

Reinforced bitumen sheets for roof waterproofing EN 13707:2004

Underlay for discontinuous roofing 13859-1:2010

Bitumen damp proof sheets including basement tanking sheet EN 13969:2004

Bitumen vapour control layers EN 13970:2004

Product description

Use	Base sheet in built-up roofing, bitumen damp proof sheet, underlay for discontinuous roofing, bitumen vapour control layer
Application	Bonding onto the substrate by melting the undersurface of the membrane and the protective film with a blowtorch. Applying with mechanical fastening, when necessary
Reinforcement	Reinforced polyester
Coating	SBS modified bitumen
Surfacing	PP non-woven fabric
Bottom surfacing	Thermofusible film and torch-on elastomer bitumen

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	7	-	-
Width	EN 1848-1	m	1	0,995	1,005
Straightness	EN 1848-1	mm / m	pass		14/7
Mass per unit area	EN 1849-1	g/m ²	3700	3515	-
Nominal thickness	EN 1849-1	mm	2,6	2,4	3,0
Visual defects	EN 1850-1	-	no defects		
Declaration of performance			005.CPR.55510		
AVCP- class			2+	3	
Certificate of factory production control			0809-CPR-1030	-	

Fire properties	Method	Classification	Fireclass
Reaction to fire	EN ISO 11925-2	EN 13501-1	NPD
External fire performance	ENV 1187 ²⁾	EN 13501-5	B _{ROOF} (t2)

Characteristic	Method	Unit	EN 13707	EN 13969	EN 13970	EN 13859-1	minimum	maximum
Watertightness	EN 1928 B EN 1928 A	kPa mm	pass	pass	pass	W1	300 200	
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm N/ 50 mm	750 550	750 550	750 550	750 550	600 400	900 700
Elongation	EN 12311-1	%	40	40	40	40	25	55
Nail shank tear resistance - in longitudinal direction - in transverse direction	EN 12310-1	N N	250 300	250 300	250 300	250 300	150 150	350 450
Resistance to static loading	EN 12370 A EN 12370 B	kg kg	15	NPD		NPD	15	
Resistance to impact**	EN 12691	mm	1500/900	1500/900	1500/900	1500/900	1000	
Durability*								
* Water vapor transmission	EN 1296/1931	m						
* Watertightness	EN 1928 B/A	kPa/mm		pass		W1	60/200	
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm N/ 50 mm				400 300	320 220	480 380
Elongation	EN 12311-1	%				30	20	40
*Chemical resistance	EN 1847/1928 EN 1847/1931			NPD				
* Pliability: surface bottom	EN 1296/1109	°C °C	-15 -10				-10 0	
* Flow resistance at elevated temperature: surface bottom	EN 1296/1110	°C	80 80				80 80	
Pliability: surface bottom	EN 1109	°C	-20 -20	-20 -20			-20 -10	
Water vapor resistance	EN 1931	m ² sPa/kg			2,2 x 10 ¹²		2 x 10 ¹²	
Flow resistance at elevated temperature	EN 1110	°C	80	80	80	80	80	
Dimensional Stability	EN 1107-2	%	0,3	0,3	0,3	0,3		0,6
Dangerous substances ^{3),4)}			No dangerous substances					

1) concerns only attestation of conformity system 2+, 2) see: www.kerabit.fi/tuotteet 3) No asbestos or coal tar constituents, 4) In the absence of European harmonized test methods, verification and declaration on release/content has to be done taking into account national provisions in the place of use	NPD = no performance determined *tested after ageing ** testing point bitumen/sand V5 9/26
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