

Technical Data Sheet - KERABIT 2900 UTL



Nordic Waterproofing Oy
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16
003. CPR.16315



Reinforced bitumen sheets for roof waterproofing EN 13707 Underlay for discontinuous roofing 13859-1
Bitumen vapour control layers EN 13970

Use	Venting underlay sheet
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	Sand
Bottom surfacing	Sand/Thermofusible film and torch-on elastomer bitumen stripes
Use	Venting underlay sheet

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	10	-	-
Width	EN 1848-1	m	1	0,995	1,005
Mass per unit area	EN 1849-1	g/m ²	2900	2755	-
Nominal thickness	EN 1849-1	mm	2,5	2,1	2,5
Straightness	EN 1848-1	mm / m	pass		20/10
Visual defects	EN 1850-1	-	no defects		
Declaration of performance			003. CPR.16315		
AVCP- class			2+	3	
Certificate of factory production control			0809-CPR-1030	-	

Fire properties	Method	Classification	Fire class	
Reaction to fire	EN ISO 11925-2	EN 13501-1	NPD	
External fire performance	ENV 11872 ²⁾	EN 13501-5	B _{ROOF} (t2)	

Characteristic	Method	Unit	EN 13707	EN 13859-1	EN 13970	minimum	maximum
Watertightness	EN 1928 B	kPa	pass		pass	300	
	EN 1928 A	mm		W1		200	
Tensile strength	EN 12311-1	N/ 50 mm	600	600	600	400	800
		N/ 50 mm	400	400	400	300	500
Elongation	EN 12311-1	%	35	35	35	20	50
Nail shank tear resistance	EN 12310-1	N	150	150	150	130	170
		N	250	250	250	130	300
Resistance to static loading	EN 12370 A	kg	15			15	
	EN 12370 B			NPD			
Resistance to impact	EN 12691	mm	NPD	NPD	NPD	NPD	
Durability:*							
* Water vapor transmission	EN 1296/1931	m			NPD		
* Watertightness	EN 1928 A	mm		W1		200	
* Pliability	EN 1296/1109	°C	-15	-15		-10	
		°C	-10	-10		0	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80			80	
Pliability	EN 1109	°C					
		°C	-20	-20	-20	-20	
		°C	-20	-20	-20	-10	
Water vapor resistance	EN 1931	m ² sPa/kg			0,8 x 10 ¹²	0,8 x 10 ¹²	
Flow resistance at elevated temperature	EN 1110	°C	80	80	80	80	
Dimensional Stability	EN 1107-2	%	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
 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

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