

Technical Data Sheet - KERABIT 3000 U



Nordic Waterproofing Oy
Puistokatu 25-27, 08150 Lohja, Finland
06
004.CPR.15506



Reinforced bitumen sheets for roof waterproofing EN 13707	Underlays for discontinuous roofing 13859-1
Bitumen damp proof sheets including basement tanking sheet EN 13969	Bitumen vapour control layers EN 13970

Product description	
Use	Base sheet in built-up roofing, bitumen damp proof sheet, underlay for discontinuous roofing, bitumen vapour control layer
Application	Mechanical fastening and/or pour and roll applying depending on intended use and substrate
Reinforcement	Polyester
Coating	SBS modified bitumen
Surfacing/ Bottom surfacing	Sand/ Sand

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	3000	2850	-
Nominal thickness	EN 1849-1	mm	2,5	2,3	2,7
Straightness	EN 1848-1	mm / m	pass		20/10
Visual defects	EN 1850-1	-	no defects		

Declaration of performance	004.CPR.15506	
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 13859-1	EN 13970	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	pass		pass	300	
	EN 1928 A	mm			W1		200	
Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm	750	750	750	750	600	900
		N/ 50 mm	550	550	550	550	400	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	250	250	250	250	150	350
		N	250	250	250	250	150	350
Resistance to static loading	EN 12370 A	kg	20				15	
	EN 12370 B	kg		NPD				
Resistance to impact	EN 12691	mm	1000	1000		1000	800	
Durability:*								
* Water vapor resistance	EN 1296 +1931	m				NPD		
* Watertightness	EN 1928 B	kPa		pass			60	
	EN 1928 A	mm			W1		200	
*Tensile strength - in longitudinal direction - in transverse direction	EN 12311-1	N/50 mm			400		320	480
		N/50mm			320		240	400
*Elongation	EN 12311-1	%			30		20	40
* Chemical resistance	EN 1847+1928 EN 1847+1931			NPD		NPD		
* Pliability	EN 1296/1110	°C	-20				-15	
* Flow resistance at elevated temperature	EN 1296/1110	°C	80				80	
Pliability	EN 1109	°C	-25	-25	-25	-25	-25	
Water vapor transmission	EN 1931	m			NPD			
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

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
*after ageing