

# Technical Data Sheet - KERABIT 2800 UTL



**Kerabit Oy**  
Puistokatu 25- 27, 08150 Lohja, Finland  
**22**  
002. CPR.55559

**Kerabit**  
Tuotteet

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 <sup>2</sup>	2800	2660	-
Nominal thickness	EN 1849-1	mm	2,3	2,1	2,5
Straightness	EN 1848-1	mm / m	pass		20/10
Visual defects	EN 1850-1	-	no defects		

**Declaration of performance**      002. CPR.55559

**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<sup>2)</sup>      EN 13501-5      B<sub>ROOF</sub>(t2)

Characteristic	Method	Unit	EN 13707	EN 13859-1	EN 13970	minimum	maximum
<b>Watertightness</b>	EN 1928 B	kPa	pass		pass	300	
	EN 1928 A	mm		W1		200	
<b>Tensile strength</b> - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm	600	600	600	400	800
		N/ 50 mm	400	400	400	300	500
<b>Elongation</b>	EN 12311-1	%	35	35	35	20	50
<b>Nail shank tear resistance</b> - in longitudinal direction - in transverse direction	EN 12310-1	N	150	150	150	130	170
		N	250	250	250	130	300
<b>Resistance to static loading</b>	EN 12370 A	kg	15			15	
	EN 12370 B			NPD			
<b>Resistance to impact</b>	EN 12691	mm	NPD	NPD	NPD	NPD	
<b>Durability:*</b>							
<b>* Water vapor transmission</b>	EN 1296/1931	m			NPD		
<b>* Watertightness</b>	EN 1928 A	mm		W1		200	
<b>* Pliability</b> - surface - bottom	EN 1296/1109	°C	-15	-15		-10	
		°C	-10	-10		0	
<b>* Flow resistance at elevated temperature</b>	EN 1296/1110	°C	80			80	
<b>Pliability</b> - surface - bottom	EN 1109	°C					
			-20	-20	-20	-20	-10
<b>Water vapor resistance</b>	EN 1931	m <sup>2</sup> sPa/kg			0,8 x 10 <sup>12</sup>	0,8 x 10 <sup>12</sup>	
<b>Flow resistance at elevated temperature</b>	EN 1110	°C	80	80	80	80	
<b>Dimensional Stability</b>	EN 1107-2	%	0,3	0,3	0,3		0,6

**Dangerous substances<sup>3),4)</sup>**      No dangerous substances

1) concerns only attestation of conformity system 2+  
2) see: [www.kerabit.fi](http://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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