

# Technical Data Sheet - KERABIT 5000 TOP (K-PS 170/5000)



**Kerabit Oy**  
Puistokatu 25-27, 08150 Lohja, Finland  
**18**  
006.CPR.55552

## Kerabit

**Tuotteet**

Reinforced bitumen sheets for roof waterproofing EN 13707

Product description	
Use	Cap sheet in built-up roofing (TL2) <sup>4)</sup>
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 (≥160 g/m <sup>2</sup> )
Coating	SBS modified bitumen
Surfacing	Slate and/or mineral granules
Bottom surfacing	Thermofusible film and torch-on elastomer bitumen

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	8	-	-
Width	EN 1848-1	m	1	0,995	1,005
Mass per unit area	basic colors black	EN 1849-1	5000	4750	-
			5400	5130	-
Nominal thickness	EN 1849-1	mm	4,4	4,1	4,7
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		
Declaration of performance	006.CPR.55552				
AVCP- class	2+				
Certificate of factory production control	0809-CPR-1030				

Fire properties	Method	Classification	Fireclass		
Reaction to fire	EN ISO 11925-2	EN 13501-1	E		
External fire performance	ENV 1187 <sup>1)</sup>	EN 13501-5	B <sub>ROOF</sub> (t2)		

Characteristic	Method	Unit	Nominal value	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	300	
Tensile strength	EN 12311-1	N/ 50 mm	750	600	900
			550	400	700
Elongation	EN 12311-1	%	40	25	55
			40	25	55
Nail shank tear resistance	EN 12310-1	N	250	150	350
			300	150	450
Resistance to static loading	EN 12370 A	kg	20	15	
Resistance to impact	EN 12691	mm	1000	800	
Pliability: surface bottom	EN 1109	°C	-20	-20	-30
			-20	-10	-25
Pliability after ageing: surface bottom	EN 1296/1109	°C	-15	-10	
			-10	0	
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature : surface bottom	EN 1110	°C	80	80	100
			80	80	95
Flow resistance at elevated temperature after ageing	EN 12961110	°C	80	80	
Dimensional Stability	EN 1107-2	%	0,3		0,6

Dangerous substances<sup>2),3)</sup> No dangerous substances

1) see: [www.kerabit.fi](http://www.kerabit.fi) NPD = no performance determined

2) No asbestos or coal tar constituents

3) 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

4) Product class requirements for modified bitumen membranes by Finnish Roofing Association