

# Technical Data Sheet - KERABIT 3200 UTL FLEECE



0809 <sup>1)</sup>

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**19**  
001.CPR.55511



Reinforced bitumen sheets for roof waterproofing EN 13707

Bitumen vapour control layers EN 13970

Underlay for discontinuous roofing 13859-1

**Product description**

Use	Base sheet in built-up roofing, 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	10	-	-
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 <sup>2</sup>	3200	3040	-
Nominal thickness	EN 1849-1	mm	2,6	2,4	3,0
Visual defects	EN 1850-1	-	no defects		
Declaration of performance	001.CPR.55511				
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 <sup>2)</sup>	EN 13501-5	B <sub>ROOF</sub> (t2)			

Characteristic	Method	Unit	EN 13707	EN 13970	EN 13859-1	minimum	maximum
Watertightness	EN 1928 B	kPa	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	600	900
		N/ 50 mm	550	550	550	400	700
Elongation	EN 12311-1	%	40	40	40	25	55
Nail shank tear resistance - in longitudinal direction - in transverse direction	EN 12310-1	N	250	250	250	150	350
		N	300	300	300	150	450
Resistance to static loading	EN 12370 A	kg	15				
	EN 12370 B	kg			NPD		
Resistance to impact	EN 12691	mm	1200/900**	1200/900**	2500/900**	1000/700	
Durability*							
* Water vapor transmission	EN 1296/1931	m		NPD			
* Watertightness	EN 1928 B	kPa/mm			W1	60/200	
Tensile strength * - in longitudinal direction - in transverse direction	EN 12311-1	N/ 50 mm			400	320	480
		N/ 50 mm			300	220	380
Elongation*	EN 12311-1	%			30	20	40
* Pliability: surface bottom	EN 1296/1109	°C	-15			-10	
		°C	-10			0	
* Flow resistance at elevated temperature : surface bottom	EN 1296/1110	°C				80	
			80			80	
Pliability : surface bottom	EN 1109	°C	-20	-20	-20	-20	
			-20	-20	-20	-10	
Water vapor resistance	EN 1931	m <sup>2</sup> sPa/kg		2,2 x 10 <sup>12</sup>		2 x 10 <sup>12</sup>	
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 <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

\*\* testing point bitumen/sand