

## Technical Data Sheet - KERABIT 3D



**Nordic Waterproofing Oy**  
Puistokatu 25-27, 08150 Lohja, Finland  
**14**  
001.CPR.3D



Reinforced bitumen sheets for roof waterproofing EN 13707:2009

Product description	
Use	Top sheet with adhesive edges for steep roof (1:5 (11°) or steeper)
Application	Mechanical fastening with adhesive edges
Reinforcement	Reinforced polyester
Coating	SBS modified bitumen
Surfacing	Slate and/or mineral granules
Bottom surfacing	Sand

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	10	-	-
Width	EN 1848-1	m	0,7	0,695	0,705
Mass per unit area	basic color EN 1849-1	g/m <sup>2</sup>	4000	3800	-
Nominal thickness	EN 1849-1	mm	3,4	3,1	3,7
Straightness	EN 1848-1	mm / m	pass		20/10
Visual defects	EN 1850-1	-		no defects	
Declaration of performance				001.CPR.3D	
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	NPD
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				
- in longitudinal direction		N/ 50 mm	750	600	900
- in transverse direction		N/ 50 mm	550	400	700
Elongation	EN 12311-1				
- in longitudinal direction		%	40	25	55
- in transverse direction		%	40	25	55
Nail shank tear resistance	EN 12310-1				
- in longitudinal direction		N	230	150	310
- in transverse direction		N	230	150	310
Peel resistance of joints	EN 12316-1	N/ 50 mm	NPD		
Shear resistance of joints	EN 12317-1	N/ 50 mm	NPD		
Resistance to static loading	EN 12370 A	kg	15	15	
Resistance to impact	EN 12691	mm	1000	800	
Pliability	EN 1109	°C	-25	-25	
Pliability after ageing	EN 1296/1109	°C	-15	-15	
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature	EN 1110	°C	80	80	
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: <a href="http://www.kerabit.fi">www.kerabit.fi</a>	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	