Technical Data Sheet – KERABIT PREMIUM

CE

Nordic Waterproofing Oy
Puistokatu 25- 27, 08150 Lohja, Finland
18
001.CPR.Premium

Kerabit®

Bitumen shingles with mineral and/or synthetic reinforcements EN 544:2011

Product description	
Type	4E2
Intended use	Elastomer bitumen roofing shingles for roofs
Application	Mechanical fastening with roofing nails
Reinforcement	Glass non-woven
Coating	SBS modified bitumen
Surfacing	Slate and/or mineral granules
Bottom surfacing	Sand, film and adhesive SBS modified bitumen

Characteristic		**Method**	**Unit**	**Nominal value**	**minimum**	**maximum**
Shingles	Width	EN 544	mm	1000	997	1003
	Height	EN 544	mm	337	334	340
Mass per unit area		EN 1849-1	g/m²	4000	3650	-
Declaration of performance				001.CPR.Premium		
AVCP- class				3		

Fire properties	**Method**	**Classification**	**Fireclass**
Reaction to fire	EN ISO 11925-2	EN 13501-1	E
External fire performance	ENV 1187[1)]	EN 13501-5	B_{ROOF}(t2)

Characteristic	**Method**	**Unit**	**Nominal value**	**minimum**	**maximum**
Tensile strength - in width direction - in height direction	EN 12311-1	 N/ 50 mm N/ 50 mm	 ≥ 600 ≥ 400	 600 400	
Mass of bitumen	EN 544	g/m²	≥ 1500	1500	
Nail shank tear resistance - in height direction	EN 12310-1	 N	 ≥ 100	 100	
Resistance to UV radiation	EN 1297		pass	60 cycles	
Flow resistance at elevated temperature , 90 °C	EN 1110	mm	≤ 2		2
Adhesion of granules	EN 12039	g	≤ 2,5		2,5
Water absorption	EN 544	%	≤ 2		2

1) see: www.kerabit.fi

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Other characteristics outside EN 544 standard

Characteristic	**Method**	**Unit**	**Nominal value**	**minimum**	**maximum**
Pliability - surface	EN 1109	 °C	 -5	 ±0	
Watertightness	EN 1928 B	kPa	100	20	
Dangerous substances[2),3)]			NPD		

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
NPD = no performance determined