

Technical Data Sheet -

KERABIT SHINGLES K+, S+ ja L+ KERABIT RIDGE SHINGLES



Nordic Waterproofing Oy
Puistokatu 25-27, 08150 Lohja, Finland
06
001.CPR.BP.2013-03-08
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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	Adhesive SBS modified bitumen, release film and HDPE film

Characteristic	Method	Unit	Nominal value	minimum	maximum	
Shingles	Width	EN 544	mm	1000	997	1003
	Height	EN 544	mm	317	314	320
Ridge Shingles	Width	EN 544	mm	333	330	336
	Height		mm	333	330	336
Mass per unit area	black	EN 1849-1	g/m ²	4100	3895	-
	mix color		g/m ²	3800	3610	-
	basic color		g/m ²	3600	3420	-

Declaration of performance Kerabit Shingles 001.CPR.BP.2013-03-08

Declaration of performance Kerabit Ridge Shingles 001.CPR.HL.2013-03-08

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	EN 12311-1	N/ 50 mm	≥ 600	600	
		N/ 50 mm	≥ 400	400	
Mass of bitumen	EN 544	g/m ²	≥ 1300	1300	
Nail shank tear resistance	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 V8 7/13

Other characteristics outside EN 544 standard					
Characteristic	Method	Unit	Nominal value	minimum	maximum
Pliability	EN 1109	°C	-20	-10	
- surface					
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					