

KATEPAL
KL, Katrilli, Jazzy, Rocky and Foxy
Bitumen Shingles and Ridge/Eaves Sheets

EN 544 Bitumen shingles with mineral and/or synthetic reinforcements -
Product specification and test methods

DESCRIPTION OF THE PRODUCT

TYPE acc. EN 544	4 E 2		
Type of application	SBS elastomer modified bitumen shingle for roofs with adhesive		
Method of application	Mechanical with roofing nails		
Type of coating	SBS-modified bitumen		
Type of carrier	Glass non woven		
Type of top surfacing	Slates and/or mineral granules		
Type of bottom surfacing	Fine sand + self adhesive SBS modified bitumen		
Mass per unit area	4300 ± 300 g/m ²	Test method	EN 544
Nominal thickness	3,0 mm (± 10 %)		EN 544
Width	1000 mm (± 3 mm)		EN 544
Height	317 mm (± 3 mm)		EN 544
Visual defects	No defects	Pass	EN 544

FIRE PROPERTIES

		Fireclass	Classification	Test method
External Fire performance	1)	B _{ROOF} (t1)	EN 13501-S	ENV 1187 (t1)
External Fire performance	1)	B _{ROOF} (t2)	EN 13501-S	ENV 1187 (t2)
Reaction to Fire		F	EN 13501-1	EN ISO 11925-2

MANDATED CHARACTERISTICS

	EN 544 Requirement	Units	Results	Test method
Tensile strength at 23 °C				EN 12311-1
longitudinal	≥ 600	N/50 mm	PASS	
transversal	≥ 400	N/50 mm	PASS	
Nail shank tear resistance	≥ 100	N	PASS	EN 12310-1
Mass of bitumen	≥ 1300	g/m ²	PASS	EN 544
Flow resistance at elevated temperature	≥ 3 mm, 90 °C	mm	PASS	EN 1110
Resistance to blistering	no defects	-	PASS	EN 544
Resistance to UV radiation (60 cycles)	no defects	-	PASS	EN 1297-1
Adhesion of granules	≥ 0,5	g	PASS	EN 544
Water absorption	≤ 1	%	PASS	EN 544

1) The B_{ROOF} -classification is valid on wooden and on noncombustible substrates with and without a bituminous underlay sheet.

The manufacturer reserves the right to change the content without further notice.

Version: 2
Updated: 07/2010