

TUPLA SVEISEPAPP

EN 13707 Reinforced bitumen sheets for roof waterproofing 0809-CPD-0546

DESCRIPTION OF THE PRODUCT

Type of application	One-layer membrane		
Method of application	Torching (mechanical when needed)		
Type of coating	SBS-modified bitumen		
Type of carrier	Net reinforced polyester non woven	200 g/m ²	
Type of top surfacing	Slate and/or mineral granules		
Type of bottom surfacing	Thermofusible film and torch-on elastomer bitumen		Test method
Mass per unit area	5,500 kg/m ² (- 5 %)		EN 1849-1
Nominal thickness	4,0 mm (± 10 %)		EN 1849-1
Length	8,0 m (- 1 %)		EN 1848-1
Width	1,0 m (± 1 %)		EN 1848-1
Straightness	max deviation 20 mm/10 m	Pass	EN 1848-1
Visual defects	No defects	Pass	EN 1850-1



ISO 9001

FIRE PROPERTIES	Fireclass	Classification	Test method
External Fire performance ¹⁾	Broof(t2)	EN 13501-5	ENV 1187 (t2)
Reaction to Fire	F	EN 13501-1	EN ISO 11925-2

MANDATED CHARACTERISTICS ACCORDING TO:	0809-CPD-0546				Tolerance	Units	Test Method
	EN 13707						
Watertightness under pressure	PASS				-		EN 1928 A
Tensile strength at 23 °C							EN 12311-1
longitudinal	1 000				- 20 %	N/50 mm	
transversal	900				- 20 %	N/50 mm	
Elongation at maximum force							EN 12311-1
longitudinal	> 40					%	
transversal	> 40					%	
Nail shank tear resistance							EN 12310-1
longitudinal	420				- 20 %	N	
transversal	450				- 20 %	N	
Flexibility at low temperature							EN 1109
upper surface Ø 30 mm	-20					°C	
bottom surface Ø 30 mm	-20					°C	
Resistance to Impact at +23 °C	15					mm	EN 12691
Resistance to Impact at -10 °C	30					mm	EN 12691
Resistance to Static Loading	20					kg	EN 12730
Shear resistance of joint	> 600				- 20 %	N/50 mm	EN 12317-1
Peel resistance of joint	> 50					N/50 mm	EN 12316-1
DURABILITY AFTER AGEING							
Flexibility at low temperature after heat ageing	< 10					max drop °C	EN 1296+1109
Stability at elevated temp. after heat ageing	> 80					°C	EN 1296+1110
OTHER CHARACTERISTICS ACCORDING TO:	EN 13707				Tolerance	Units	Test Method
Stability at elevated temperature	90					°C/2h	EN 1110
Water vapour transmission properties	20000					μ	EN 1931
Dimensional stability	-0,3					%	EN 1107-1
Adhesion of granules	< 30					%	EN 12039
Watertightness after stretching at low temp.							EN 13897
longitudinal	> 30					%	
transversal	> 30					%	

NPD = no performance determined

¹⁾ Details can be found at: www.katepal.fi

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

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