

## BALCONY TOP FELT (TL2)

EN 13707	Reinforced bitumen sheets for roof waterproofing	0809-CPD-0546
EN 13969	Bitumen damp proof sheets including bitumen basement tanking sheets	0809-CPD-0546

### DESCRIPTION OF THE PRODUCT

<b>Type of application</b>	Top sheet		
<b>Method of application</b>	Self bonding		
<b>Type of coating</b>	SBS-modified bitumen		
<b>Type of carrier</b>	Polyester non woven	170 g/m <sup>2</sup>	
<b>Type of top surfacing</b>	Slate and/or mineral granules		
<b>Type of bottom surfacing</b>	Self adhesive SBS modified bitumen		<b>Test method</b>
<b>Mass per unit area</b>	5,000 kg/m <sup>2</sup> (- 5 %)		EN 1849-1
<b>Nominal thickness</b>	3,6 mm (± 10 %)		EN 1849-1
<b>Length</b>	8,0 m (- 1 %)		EN 1848-1
<b>Width</b>	1,0 m (± 1 %)		EN 1848-1
<b>Straightness</b>	max deviation 20 mm/10 m	<b>Pass</b>	EN 1848-1
<b>Visual defects</b>	No defects	<b>Pass</b>	EN 1850-1

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

MANDATED CHARACTERISTICS ACCORDING TO:	0809-CPD-0546				Tolerance	Units	Test Method
	EN 13707	EN 13969					
<b>Watertightness under pressure</b>	PASS	PASS				-	EN 1928 A
<b>Tensile strength at 23 °C</b>							
longitudinal	800	800			- 20 %	N/50 mm	EN 12311-1
transversal	500	500			- 20 %	N/50 mm	
<b>Elongation at maximum force</b>							EN 12311-1
longitudinal	> 35	> 35				%	
transversal	> 35	> 35				%	
<b>Nail shank tear resistance</b>							EN 12310-1
longitudinal	250	250			- 20 %	N	
transversal	250	250			- 20 %	N	
<b>Flexibility at low temperature</b>							EN 1109
upper surface    Ø 30 mm	-20	-20				°C	
bottom surface   Ø 30 mm	-20	-20				°C	
<b>Resistance to Impact at +23 °C</b>		NPD				mm	EN 12691
<b>Resistance to Impact at -10 °C</b>		NPD				mm	EN 12691
<b>Resistance to Static Loading</b>		NPD				kg	EN 12730
<b>OTHER CHARACTERISTICS ACCORDING TO:</b>	<b>EN 13707</b>				<b>Tolerance</b>	<b>Units</b>	<b>Test Method</b>
<b>Stability at elevated temperature</b>	90					°C/2h	EN 1110
<b>Water vapour transmission properties</b>	20000					µ	EN 1931
<b>Dimensional stability</b>	-0,3					%	EN 1107-1
<b>Adhesion of granules</b>	< 30					%	EN 12039

NPD = no performance determined

<sup>1)</sup> Details can be found at: www.katepal.fi

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

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