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K-EL 60/2200 AI

EN 13707	Reinforced bitumen sheets for roof waterproofing	0809-CPD-0546
EN 13970	Bitumen water vapour control layers	

DESCRIPTION OF THE PRODUCT

Type of application	Water vapour control layer		
Method of application	Hot bonding with bitumen (mechanical when needed)		
Type of coating	SBS-modified bitumen		
Type of carrier	Glass non woven + aluminium laminate		
Type of top surfacing	Fine sand		
Type of bottom surfacing	Fine sand		Test method
Mass per unit area	2,200 kg/m ² (- 5 %)		EN 1849-1
Nominal thickness	2,0 mm (± 10 %)		EN 1849-1
Length	20,0 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

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		EN 13970	Tolerance	Units	Test Method
	EN 13707					
Watertightness under pressure	PASS		PASS		-	EN 1928 A
Water vapour resistance, μ			$> 6,7 \times 10^5$		-	EN 1931
Tensile strength at 23 °C						EN 12311-1
longitudinal	600		600	- 20 %	N/50 mm	
transversal	450		450	- 20 %	N/50 mm	
Elongation at maximum force						EN 12311-1
longitudinal	$> 2,5$		$> 2,5$		%	
transversal	$> 2,5$		$> 2,5$		%	
Nail shank tear resistance						EN 12310-1
longitudinal	100		100	- 20 %	N	
transversal	100		100	- 20 %	N	
Flexibility at low temperature						EN 1109
upper surface \varnothing 30 mm	-25		-25		°C	
Resistance to Impact at +23 °C			NPD		mm	EN 12691
Resistance to Impact at -10 °C			NPD		mm	EN 12691

OTHER CHARACTERISTICS ACCORDING TO:	EN 13707		EN 13970	Tolerance	Units	Test Method
Stability at elevated temperature	90				°C/2h	EN 1110
Water vapour transmission properties, μ	$> 6,7 \times 10^5$				-	EN 1931
Water vapour transmission properties, S_d			> 1300		m	EN 1931

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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