

Technical Data Sheet – KERABIT HITSI 4000 UT



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06
004.CPR.15329

Kerabit
Tuotteet

Reinforced bitumen sheets for roof waterproofing EN 13707

Bitumen damp proof sheets including basement tanking sheet EN 13969

Product description

Use	Underlay sheet
Application	Bonding onto the substrate by melting the undersurface of the membrane and the protective film with a blowtorch. Applying with mechanical fastening, when necessary
Reinforcement	Reinforced polyester
Coating	SBS modified bitumen
Surfacing	Thermofusible film and torch-on elastomer bitumen
Bottom surfacing	Thermofusible film and torch-on elastomer bitumen

Characteristic	Method	Unit	Nominal value	minimum	maximum
Length	EN 1848-1	m	8	-	-
Width	EN 1848-1	m	1	0,995	1,005
Mass per unit area	EN 1849-1	g/m ²	4000	3800	-
Nominal thickness	EN 1849-1	mm	3,2	3,0	3,4
Straightness	EN 1848-1	mm / m	pass		16/8
Visual defects	EN 1850-1	-	no defects		
Declaration of performance				004.CPR.15329	
AVCP- class				2+	
Certificate of factory production control				0809-CPR-1030	

Fire properties	Method	Classification	Fireclass		
Reaction to fire	EN ISO 11925-2	EN 13501-1	NPD		
External fire performance	ENV 1187 ¹⁾	EN 13501-5	B _{ROOF} (t2)		

Characteristic	Method	Unit	Nominal value	minimum	maximum
Watertightness	EN 1928 B	kPa	pass	300	
Tensile strength	EN 12311-1				
- in longitudinal direction		N/ 50 mm	750	600	900
- in transverse direction		N/ 50 mm	550	400	700
Elongation	EN 12311-1				
- in longitudinal direction		%	40	25	55
- in transverse direction		%	40	25	55
Nail shank tear resistance	EN 12310-1				
- in longitudinal direction		N	250	150	350
- in transverse direction		N	300	150	450
Resistance to static loading	EN 12370 A	kg	NPD	20	
Resistance to impact	EN 12691	mm	NPD	800	
Pliability	EN 1109				
- surface		°C	-20	-20	
- bottom		°C	-20	-10	
Pliability after ageing	EN 1296/1109				
- surface		°C	-15	-10	
- bottom		°C	-10	0	
Adhesion of granules	EN 12039	%	8	0	30
Flow resistance at elevated temperature	EN 1110	°C	80	80	
Flow resistance at elevated temperature after ageing	EN 12961110	°C	80	80	
Dimensional Stability	EN 1107-2	%	0,3		0,6

Dangerous substances^{2),3)}

No dangerous substances

1) see: www.kerabit.fi

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