



# SKAMOLEX Customized Lining Solutions

Vermiculite insulating panels and shapes - up to 1100°C (2012°F)



Grade		V-1100 (475)	V-1100 (600)	V-1100 (700)
<b>Maximum service temperature</b>				
	°C	1100	1100	1100
	°F	2012	2012	2012
<b>Bulk density, dry</b>				
	kg/m <sup>3</sup>	475	600	700
	lbs/cu.ft.	29.6	37.5	43.8
<b>Compressive strength (EN 1094-5: 1995)</b>				
@ room temperature	MPa	2.5	4.2	4.5
	lbs/sq.in.	363	609	653
<b>Modulus of rupture (EN 993-6: 1995)</b>				
	MPa	0.8	1.6	2.0
	lbs/sq.in.	116	232	290
<b>Specific heat</b>				
	kJ/(kg×K)	0.94	0.94	0.94
	BTU/(lb×°F)	0.224	0.224	0.224
<b>Linear reheat shrinkage (EN 1094-6: 1999)</b>				
12 h at 1000°C (1832°F)	%	1.0	1.0	1.0
<b>Thermal conductivity (ASTM C-182)</b>				
mean temp. @ 200°C	W/(m×K)	0.14	0.16	0.19
@ 400°C		0.17	0.18	0.20
@ 600°C		0.19	0.20	0.21
@ 800°C		0.20	0.22	0.22
@ 392°F	BTU/(sq.ft.×h×°F/in)	0.97	1.11	1.32
@ 752°F		1.18	1.25	1.39
@ 1112°F		1.32	1.39	1.46
@ 1472°F		1.32	1.53	1.53
<b>Colour</b>				SAND
<b>HS Tariff number</b> (Harmonized Commodity Description and Coding System)				6806.90.00

Data are average results of tests conducted under standard procedures and are subject to variation. Data contained in this data sheet are supplied in good faith as a technical service and are subject to change without notice. Misprint and errors excepted.

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Skamol A/S  
Østergade 58-60  
DK-7900 Nykøbing Mors  
Denmark  
Tel: +45 9772 1533  
Fax: +45 9772 4975  
insulation@skamol.dk

www.skamol.com