



REFRATTARI GENERALI VENETO SRL VIA ROMA 67 A
35010 VILLANOVA DI CAMPOSAMPIERO(PD)
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TECHNICAL DATA VERMICULITE

SF – Qualities

Quality	Thermax	SF 400	SF 450	SF 600	SF 750	HD 1200
Classification temperature	°C		1100			
Apparent density	Kg/m ³	400	450	625	750	1150
Cold bending strenght	N/mm ²	0.8	1.5	2.5	4.5	6,0
Cold compressive strenght	N/mm ²	1.5	2.5	4.5	6.0	9,0
Thermal conductivity						
200°C		0.14	0.15	0.16	0.18	0,31
400°C	W/mk	0.16	0.17	0.18	0.20	0,32
600°C		0.18	0.19	0.20	0.21	0,33
Shrinkage						
1000°C / 12 h	%				< 1.0	
1100°C / 12 h					< 2.0	
Reference analysis						
Al ₂ O ₃					10	
SiO ₂					44	
MgO	%				24	
Fe ₂ O ₃					6	
P ₂ O ₅					3	
K ₂ O					12	
Dimensional tolerances						
Length					+/-1	
Width	mm				+/-1	
Thickness					+/- 0.5	
Form pieces can be supplied according to the customer's own drawings						