



Vermiculite

Thermax				
	SF 400	SF 450	SF 600	SF 750
Classification Temperature, °C	1100	1100	1100	1100
Density, kg/m ³	400	450	600	800
Permanent Linear Shrinkage at 1100 °C, %	<2	<2	<2	<2
Cold Compressive Strength, N/mm ²	1,5	2,5	4,5	6
Cold Bending Strength, N/mm ²	0,8	1,5	2,5	4
Thermal Conductivity, W/mK				
200°C	0,14	0,15	0,16	0,18
400°C	0,16	0,17	0,18	0,20
600°C	0,18	0,19	0,20	0,21
Chemical Composition, %				
Al ₂ O ₃	10	10	10	10
SiO ₂	44	44	44	44
MgO	24	24	24	24
Fe ₂ O ₃	6	6	6	6
P ₂ O ₅	3	3	3	3
K ₂ O	12	12	12	12
Standard Sizes, mm	1250x1000, 1060x620			
Available Thicknesses, mm	20-25-30			
Manufacturer		Techno-Physik		

*Self-supporting rigid boards made of vermiculite and organic binders.
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