

Simvac Board

Technical Data Sheet

Classification temperature (°C)	1260	1425		
Colour	White/tan	White/tan		
Density (Kg/m ³)	320-385			
Hardness (shore-A)	50 min	50 min		
Moisture (%)	10 max	10 max		
Modulus of Rupture	<i>Thickness</i>			
	<i>25 mm</i>	<i>50 mm</i>	<i>25 mm</i>	<i>50 mm</i>
	10 min	6 min	10 min	6 min
Permanent Linear Shrinkage (%)	<i>After 24 hrs. soaking heat</i>			
	<i>At 1200°C</i>		<i>1400°C</i>	
	3.5 max		3.5 max	
Compressive Strength (Kg/cm ²)	<i>Thickness</i>			
	<i>25 mm</i>	<i>50 mm</i>	<i>25 mm</i>	<i>50 mm</i>
	10% deformation 25 % deformation	2.8 min 5.5 min	2.8 min 5.5 min	2.8 min 5.5 min
Chemical Composition				
Al ₂ O ₃ (%)	44-45	29-33		
SiO ₂ (%)	55-58	51-56		
ZrO ₂ (%)	---	13-15		
L.O.I % at 1000°C	4-7	4-7		

Note:-All data represents typical results of standard tests conducted under controlled conditions. As such, the information is intended only as a general guide for specifications and design estimates.