

Simond Fibertech Limited

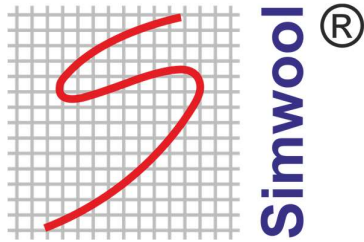
Simwool Ceramic Fiber Blanket

Technical Data Sheet

Parameters			
Classification temperature	(°C)	1260	1425
Colour		White	White
Melting Point	(°C)	1760	
Density	(kg/m ³)	64/96/128/160	96/128/160
Fiber Diameter	(µm)	2.5 - 3.5	
Non Fibrous content by wt.	(%)	20 max.	
Permanent Linear Shrinkage	(%)	<i>After 24 hrs. soaking heat</i>	
		<i>At 1200°C</i>	<i>1400°C</i>
128 kg/m ³		3.00 max	3.25 max
Thermal Conductivity		(W/mk)	
128 kg/m ³	<i>At 500°C mean temperature</i>	0.11	0.1
128 kg/m ³	<i>At 600°C mean temperature</i>	0.13	0.12
Tensile Strength		<i>for 25 mm thick</i>	
96 kg/m ³		49 min	49 min
128 kg/m ³		60 min	60 min

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Chemical Composition	(%)	
Al ₂ O ₃	43-47	32-34
SiO ₂	53-57	49-52
ZrO ₂	----	14-18
Fe ₂ O ₃	0.1 Max	0.1 Max
Other	Traces	Traces

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.

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