



**ACCS Ltd**  
Industrial Protective  
Linings

Unit 6, Scott Lidgett Industrial Estate  
Scott Lidgett Road, Longport  
Stoke On Trent  
Staffs  
ST6 4NQ

Tel: +44 (0) 1782 817 107  
Fax: +44 (0) 1782 824 979  
Email: support@accsltd.co.uk  
[www.protectivelinings.co.uk](http://www.protectivelinings.co.uk)

Product Information Sheet

4<sup>th</sup> January 2013

## **ACCS Ltd Insulating Ceramic Blanket**

ACCS Ltd Insulating Ceramic Blanket is composed of refractory ceramic fibres to provide a range of effective solutions to a number of refractory applications.

### Physical Data

	<b>Unit</b>	<b>Value</b>	
<b>Density of Blanket</b>	kg/m <sup>3</sup>	96	128
<b>Chemical Analysis</b>			
Al <sub>2</sub> O <sub>3</sub>	%	53-58	
SiO <sub>2</sub> %	%	42-47	
Alkalis	%	<0.25	
Fe <sub>2</sub> O <sub>3</sub> + TiO <sub>2</sub>	%	<0.2	
<b>Physical Properties</b>			
Colour		White	
Service Temp	°C	1250	
Melting Point	°C	1760	
Mean fibre diameter	microns	3.25	
Specific Heat	J/kgK (at 1000°C)	1140	
Permanent Linear Shrinkage	% (24 hour soak at 1250°C)	2.6	
Tensile Strength	kPa	55	75
Thermal Conductivity	W/mK (at 600°C)	0.14	0.12
	W/mK (at 800°C)	0.22	0.18
	W/mK (at 1000°C)	0.36	0.28

### Disclaimer

The technical data contained in this document represents the current state of our product knowledge and is for information purposes only. It does not constitute a guarantee or specification.

