



	5-7-18	5-7-17	5-7-16	5-7-23		5-7-11		5-6-14
	Kaowool® Mastic	Kaowool White Cement	Kaowool Cement & Veneering Cement	Kaoclad®		Kaofit®		Cera-Preg Inorganic Refractory Rigidizer
				1200	1400	1380	1260	
Maximum Continuous Temperature, °C	1000	-	-	-	-	-	-	-
Classification Temperature °C	-	1400	1260	1260	1400	1260	1260	1260
Colour	White	White	White	White/Buf	White/Buf	White	White	Grey
<b>Density, kg/m³, Uncompressed</b>								
as supplied (Wet)	1350	1840 - 1950	1840 - 1950	625	625	1380	1440	-
as supplied (Dry)	670	-	-	275	275	610	660	-
Estimated Coverage per litre m²								
Brushed	-	-	-	-	-	-	-	1.2
Sprayed	-	-	-	-	-	-	-	2.4
Solids %	-	-	-	-	-	-	-	10
<b>Modules of Rupture, Mpa</b>								
Dried MN/m²	1.6	-	-	-	-	-	-	-
After 24 hrs @ 1000°C	1.98	-	-	-	-	-	-	-
Tensile Strength, kg/m²	-	-	-	*0.12	0.14	-	-	-
Compressive Strength, Kpa (Ø 5%)	-	45	45	-	-	-	-	-
Melting Point °C, after drying	-	1760	1760	-	-	-	-	-
<b>Specific Heat Capacity, kJ/kg•K</b>								
100-550°C	-	1.04 - 1.14	1.04 - 1.14	-	-	-	-	-
1000°C	-	-	-	-	-	-	-	-
Specific Heat (BTU/lb°C)	-	-	-	-	-	-	-	0.24 - 0.27
Shelf Life	-	-	-	-	-	-	-	6 months
Loss of Ignition, %, After 2 hrs @ 800°C	-	-	-	-	-	4.5	5.5	-
<b>Thermal Conductivity, W/m•K</b>								
@ 500°C	-	-	-	0.10	0.10	-	-	-
@ 750°C	-	-	-	0.14	0.14	-	-	-
@ 1000°C	-	-	-	0.20	0.20	-	-	-
<b>Permanent Linear Shrinkage %</b>								
110°C (*dried)	1.0	-	-	-	-	*0.8	*1.0	-
1000°C (*fired)	-	2.15	2.15	-	-	*2.3	*2.7	-
1200°C	-	-	-	<0.3	-	-	-	-
1260°C	-	3.2	3.2	-	-	-	-	-
1300°C	-	-	-	-	<0.4	-	-	-
after 24 hrs @ 1000°C	2.0	-	-	-	-	-	-	-