

## Zircon Washes Materials Data Sheet

Property	Units	Fibrecoat	Zirox 25	Furnascote HI GLAZE	Furnascote NON VIT
<b>Description</b>					
Nominal Composition		ZrSiO <sub>4</sub>	ZrSiO <sub>4</sub>	ZrSiO <sub>4</sub>	ZrSiO <sub>4</sub>
<b>Microstructure</b>					
Density	[g/cm <sup>3</sup> ]	3.30	-	3.32	3.32
Colour		white	white	off white, brilliant glaze, vitreous	off white, matt, butt coloured, non vitreous
<b>Physical</b>					
Shrinkage	[%]	<0.3	-	<0.25	<0.25
Powdering resistance		Excellent	Excellent	Excellent	Excellent
Emissivity Value		0.58	-	0.58	0.58
K Value at 500°C		3.05	-	3.5	3.5
<b>Thermal Properties</b>					
Max Working Temperature	[°C]	1800	1800	1800	1250
Thermal Expansion Coefficient	[%]	<1	<1	<1	<1

**Note:** The above data represent typical values of Rojan Zircon Washes.