



FM 10961

## TECHNICAL DATA SHEET

<b>Product:</b> Shadeacrete Strong Black Oxide		<b>Issue:</b> 0502-16
<b>Description:</b> Black iron oxide		
<b>Typical Chemical Analysis</b>	<b>Units</b>	<b>Value</b>
Total iron as Fe <sub>2</sub> O <sub>3</sub>	%	96.1
Matter volatile at 105°C	%	0.3
Acid insoluble matter	%	2.2
Loss on ignition at 1000°C	%	0.5
Water soluble salts	%	0.4
<b>Typical Physical Properties</b>	<b>Units</b>	<b>Value</b>
Loose bulk density	kg/litre	0.9
Compressed bulk density	kg/litre	1.6
Oil absorption	mls/100g	19
Specific gravity	-	4.7
pH of a 5% aqueous suspension	-	4 to 7
Residue on a 75 micron sieve	%	2.0
Residue on a 45 micron sieve	%	9.3
Maximum stable temperature	°C	180
Light resistance*	-	5
Alkali resistance*	-	5

\*on a scale of 1 to 5 (1 = poor, 5 = excellent)

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