



FM 10961

TECHNICAL DATA SHEET

Product: Shadeacrete Black Oxide		Issue: 0502-10
Description: Black iron oxide		
Typical Chemical Analysis	Units	Value
Total iron as Fe ₂ O ₃	%	95.2
Matter volatile at 105°C	%	1.0
Acid insoluble matter	%	2.4
Loss on ignition at 1000°C	%	3.2
Water soluble salts	%	0.5
Typical Physical Properties	Units	Value
Loose bulk density	kg/litre	0.7
Compressed bulk density	kg/litre	1.1
Oil absorption	mls/100g	21
Specific gravity	-	4.6
pH of a 5% aqueous suspension	-	4 to 7
Residue on a 75 micron sieve	%	-
Residue on a 45 micron sieve	%	0.1
Maximum stable temperature	°C	180
Light resistance*	-	5
Alkali resistance*	-	5

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

This information and our technical advice - whether verbal, in writing, or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided – especially that contained in our safety data and technical information sheets – and to test products as to their suitability for the intended processes and uses. The application, use and processing of the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery.