PRODUCT DATA SHEET

CONCRETE SAND
Product Code: ABF206

PRODUCT DESCRIPTION

ASMS ABF206 is a 6 x 0 coarse concrete sand.

APPLICATIONS

ASMS ABF206 is suitable for use in a range of civil and manufacturing applications including:

- Concrete
- Masonry raw material

COMPOSITION AND MATERIALS

ABF206 is produced from blast furnace slag by crushing, screening, and processing to remove all single size aggregates. The fines are screened off to yield a grey coloured fine aggregate concrete sand consisting of angular to roughly cubical shaped particles with a characteristically vesicular structure and rough surface texture.

Blast furnace slag is the non-metallic product consisting essentially of silicates and aluminosilicates of calcium and other bases developed in a molten condition simultaneously with iron in a blast furnace.

Air-cooled blast furnace slag is a predominantly crystalline, solid rock-like material.

ADVANTAGES

- Consistent chemistry.
- Excellent load bearing capacity.
- Non-plastic.
- Resistant to heat and fire.
- Alkaline in presence of moisture
- Effective utilisation of an industrial by-product conserving natural resources

TYPICAL GRADING

SIEVE	% PASSING
9.5 mm	100
6.7 mm	99
4.75 mm	90
2.36 mm	60
600 µm	24
75 µm	7

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNIT	TYPICAL
Bulk Density (Loose)	t/m3	1.35-1.50
Bulk Density (Compacted)	t/m3	1.55-1.70
Particle Density (Dry)		t/m3
Particle Density (SSD)	t/m3	2.7-2.9
Water Absorption	%	2.5-5.5
Plasticity Index	-	Non-Plastic
Organic Impurities	-	Free
pH	-	10-12

TECHNICAL AND CUSTOMER ENQUIRIES

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