

# 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/m <sup>3</sup>	1.35-1.50
Bulk Density (Compacted)	t/m <sup>3</sup>	1.55-1.70
Particle Density (Dry)		t/m <sup>3</sup>
Particle Density (SSD)	t/m <sup>3</sup>	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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