

PRODUCT DATA SHEET

STEEL SLAG ASPHALT SAND

Product Code: SFS500

PRODUCT DESCRIPTION

ASMS SFS500 is a graded 7x0mm crushed steel slag coarse sand.

APPLICATIONS

ASMS SFS500 is used in various applications, including:

- Asphalt sand.
- Refractory sand.

COMPOSITION AND MATERIALS

SFS500 is produced from steel slag by crushing, screening, and processing for metal recovery. During this process, fines are screened off as asphalt sand.

Steel slag is a non-metallic product consisting essentially of calcium silicates with fused oxides of iron and aluminium.

Steel slag is produced simultaneously with steel in a basic oxygen furnace and is a predominantly crystalline, solid rock-like product.

ADVANTAGES

- Inherent cementitious properties.
- Well graded.
- Heat retention.
- Resistant to heat and fire.
- High load bearing capacity.
- Effective utilisation of an industrial by-product conserving natural resources.

TYPICAL GRADING

SIEVE	% PASSING
9.5 mm	100
6.7 mm	95
4.75 mm	80
2.36 mm	48
1.18 mm	27
600 µm	17
300 µm	11
150 µm	8
75 µm	6

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNIT	TYPICAL
Particle Density SSD	t/m ³	3.2
Particle Density Dry	t/m ³	3.1
Water Absorption	%	4.0
Free Lime	%	3
pH	-	12

TECHNICAL AND CUSTOMER ENQUIRIES

Telephone: (02) 4255 1100

Email: enquiries@asms.com.au

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