AUSTRALIAN STEEL MILL SERVICES PTY

PRODUCT DATA SHEET

Steel Slag Asphalt Sand

Product Code: SFS500

Definition

Steel furnace slag is the non-metallic product consisting essentially of calcium silicates with fused oxides of iron and, aluminium that is developed in a molten condition simultaneously with steel in a basic oxygen furnace.

The material is produced in a molten condition simultaneously with steel in a basic oxygen furnace and is a predominantly crystalline, solid rock-like material.

Description

Steel slag is dug, crushed, screened where all single size aggregates are separated. During the process, fines are screened of as asphalt sand.

Applications

- Asphalt Sand
- General fill
- Refractory sand

Advantages

- Cementitious properties
- Well graded
- Resistant to heat and fire
- Strong load bearing capacity
- Effective utilisation of an industrial by-product conserving natural resources

Typical Grading

SIEVE	% PASSING
9.5 mm	100
6.7 mm	98
4.75 mm	90
2.36 mm	65
1.18 mm	40
600 um	25
300 um	15
150 um	10
75 um	4

Typical Physical Properties

Particle Density – SSD	3.25 t/m^3
– Dry	3.13 t/m^3
Water Absorption	3.7 %
Free Lime	2.9 %

Technical Services and Customer Enquiries

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