



PRODUCT DATA SHEET

Steel Slag 20mm Asphalt Aggregate

Product Code: SFS520

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 and screened into single size aggregates.

Applications

- ◆ Asphalt Aggregate
- ◆ Filter material

Advantages

- ◆ Interlocking particle shape
- ◆ Resistant to weathering
- ◆ Strong adhesion with binders
- ◆ High skid resistance
- ◆ High stability
- ◆ High durability
- ◆ Improves resistance to rutting and deformation
- ◆ Good flow properties
- ◆ Resistant to stripping
- ◆ Well graded
- ◆ Strong load bearing capacity
- ◆ Effective utilisation of an industrial by-product conserving natural resources

Typical Grading

SIEVE	% PASSING
26.5 mm	100
19.0 mm	87
13.2 mm	22
9.5 mm	7
6.7 mm	3
4.75 mm	2
2.36 mm	2
1.18 mm	2

Typical Physical Properties

Particle Density – SSD	3.33 t/m ³
– Dry	3.28 t/m ³
Water Absorption	1.5 %
Free Lime	2.7 %
Particle Shape (2:1)	1
Los Angeles Value	15

Technical Services and Customer Enquiries

Telephone: (02) 4255 1178

Email: enquiries@asms.com.au

Website: www.asms.com.au

ASMS Disclaimer

The information contained in this Product Data Sheet while accurate for general consideration, no warranty is expressed or implied regarding the accuracy of this data on specific applications. Information is furnished upon the condition that the user shall obtain specific advice and/or carry out tests to determine suitability for a particular purpose and for specific site and application conditions.

Sales specifications, although current at the time of publication, are subject to change due to process improvements. For the latest product specifications or usage updates contact ASMS.