

PRODUCT DATA SHEET

STEEL SLAG 10mm ASPHALT AGGREGATE

Product Code: SFS510

PRODUCT DESCRIPTION

ASMS SFS510 is a single size 10mm crushed steel furnace slag aggregate.

APPLICATIONS

ASMS SFS510 is used in various applications, including:

- Asphalt aggregate.
- Sealing aggregate.
- Filter material.

COMPOSITION AND MATERIALS

SFS510 is produced from steel slag by crushing, screening, and processing for metal recovery, allowing for the separation of single size aggregate particles.

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

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

TYPICAL GRADING

SIEVE	% PASSING
13.2 mm	100
9.5 mm	88
6.7 mm	26
4.75 mm	6
2.36 mm	3
1.18 mm	2
13.2 mm	100

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNIT	TYPICAL
Particle Density SSD	t/m ³	3.4
Particle Density Dry	t/m ³	3.3
PAFV	-	59
Water Absorption	%	2.0
Free Lime	%	3
Particle Shape (2:1)	-	3
Los Angeles Value	-	15

TECHNICAL AND CUSTOMER ENQUIRIES

Telephone: (02) 4255 1100

Email: enquiries@asms.com.au

ASMS DISCLAIMER

The information contained in this Product Data Sheet is accurate for general consideration, however, 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. PDS-GBF006: Rev. 5: 05.03.24 1/1