

STEEL SLAG 14mm ASPHALT AGGREGATE

Product Code: SFS514

PRODUCT DESCRIPTION

ASMS SFS514 is a single size 14mm crushed steel furnace slag aggregate.

APPLICATIONS

SFS514 is used in applications including:

- Asphalt aggregate
- Filter material

COMPOSITION AND MATERIALS

SFS514 is produced by crushing and screening steel slag into single size aggregates and processing to remove discrete large metal particles.

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

The material 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
- Resistant to weathering and stripping
- High skid resistance
- High stability and durability
- Improves rutting and deformation resistance
- Good flow properties
- Well graded
- Effective utilisation of an industrial by-product conserving natural resources

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-SFS514 : Rev. 7 : 01.05.15

TYPICAL GRADING

SIEVE	% PASSING
19.0 mm	100
13.2 mm	80
9.5 mm	20
6.7 mm	5
4.75 mm	4
2.36 mm	3
1.18 mm	2

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNIT	TYPICAL
Particle Density SSD	t/m ³	3.4
Particle Density Dry	t/m ³	3.3
Water Absorption	%	2
Free Lime	%	3
Particle Shape (2:1)	-	3
Los Angeles Value	-	15
Dry Strength	kN	290
Wet Strength	kN	280
Dry/Wet Variation	%	5
Sodium Sulphate Soundness	-	0.3
PAFV	-	56

TECHNICAL AND CUSTOMER ENQUIRIES

Telephone: (02) 4255 1125
 Email: enquiries@asms.com.au