

PRODUCT DATA SHEET

STEEL SLAG 14mm ASPHALT AGGREGATE

Product Code: SFS514

PRODUCT DESCRIPTION

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

APPLICATIONS

ASMS SFS514 is used in various applications, including:

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

COMPOSITION AND MATERIALS

SFS514 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.
- Heat retention.
- Effective utilisation of an industrial by-product conserving natural resources.

TYPICAL GRADING

SIEVE	% PASSING
19.0 mm	100
13.2 mm	83
9.5 mm	15
6.7 mm	4
4.75 mm	3
2.36 mm	2

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	%	1.7
Free Lime	%	3
Particle Shape (2:1)	-	3
Los Angeles Value	-	15
Dry Strength	kN	250
Wet Strength	kN	240
Dry/Wet Variation	%	7
Sodium Sulphate Soundness	-	0.3
pH	-	12

TECHNICAL AND CUSTOMER ENQUIRIES

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