

PRODUCT DATA SHEET

**Steel Slag 10mm Asphalt Aggregate**

Product Code: SFS510

**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
- ◆ Sealing 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
13.2 mm	100
9.5 mm	81
6.7 mm	28
4.75 mm	5
2.36 mm	3
1.18 mm	2

**Typical Physical Properties**

Particle Density – SSD	3.42 t/m <sup>3</sup>
– Dry	3.36 t/m <sup>3</sup>
Water Absorption	1.8 %
Free Lime	2.0 %
Particle Shape (2:1)	2
Los Angeles Value	13

**Technical Services and Customer Enquiries**

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