

PRODUCT DATA SHEET

STEEL SLAG UNSPECIFIED

Product Code: SFS580

PRODUCT DESCRIPTION

ASMS SFS580 is a 20x0mm material generally requiring additional processing or blending for civil works.

APPLICATIONS

ASMS SFS580 is used in various applications, including:

- Pavements
- Hardstand areas
- Carparks
- Road Shoulders

NB not recommended for use in constrained applications, under rigid pavements or concrete.

COMPOSITION AND MATERIALS

SFS580 is produced from steel slag by crushing, screening, and processing for metal recovery, resulting in a 20mm minus steel slag material, which may contain lumps in excess of 20mm.

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

- Inherent cementitious properties.
- Well graded.
- High load bearing capacity.
- Effective utilisation of an industrial by-product conserving natural resources.

TYPICAL GRADING

SIEVE	% PASSING
26.5 mm	100
19.0 mm	85 – 100
13.2 mm	70 – 95
6.7 mm	30 – 80
2.36 mm	10 – 50

TYPICAL PHYSICAL PROPERTIES

PROPERTY	UNIT	TYPICAL
Maximum Dry Density	t/m ³	2.4 – 2.6
Optimum Moisture	%	9 – 12
Dry Strength	kN	280 – 300
Wet Strength	kN	260 – 280
Wet/Dry Variation	%	< 20
pH	-	11 – 13

TECHNICAL AND CUSTOMER ENQUIRIES

Telephone: (02) 4255 1100

Email: enquiries@asms.com.au

ASMS DISCLAIMER

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