

# 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 <sup>3</sup>	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](mailto:enquiries@asms.com.au)

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