

STEEL SLAG ROADBASE

Product Code: SFS530

PRODUCT DESCRIPTION

ASMS SFS530 is a roadbase suited to unsealed applications.

APPLICATIONS

SFS530 is used in a variety of unsealed applications, including:

- Pavements
- Hard Stand Areas
- Carparks
- Farm Roads
- Road Shoulders

COMPOSITION AND MATERIALS

SFS530 is produced from steel slag by crushing, screening and processing to remove metals resulting in a 20mm minus steel slag roadbase.

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

- Inherent cementitious properties
- Interlocking particle shape
- Well graded
- High load bearing capacity
- Lower dust emissions
- 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-SFS530 : Rev. 7 : 01.05.15

TYPICAL GRADING

| SIEVE | % PASSING |
|---------|-----------|
| 26.5 mm | 100 |
| 19.0 mm | 90 – 100 |
| 13.2 mm | 75 – 95 |
| 6.7 mm | 40 – 80 |
| 2.36 mm | 20 – 50 |
| 1.18mm | 10 – 40 |

TYPICAL PHYSICAL PROPERTIES

| PROPERTY | UNIT | TYPICAL |
|-------------------------|------------------|-------------|
| Maximum Dry Density | t/m ³ | 2.4 – 2.5 |
| Optimum Moisture | % | 9 – 12 |
| Misshapen Particles 2:1 | % | < 10 |
| Misshapen Particles 3:1 | % | < 2 |
| Dry Strength | kN | 280 – 300 |
| Wet Strength | kN | 260 – 280 |
| Wet/Dry Variation | % | < 20 |
| Liquid Limit | % | n/a |
| Plastic Limit | % | n/a |
| Plasticity Index | - | Non Plastic |
| UCS (7 days acc.) | MPa | 0.3 – 1.0 |
| pH | - | 11 – 13 |

TECHNICAL AND CUSTOMER ENQUIRIES

Telephone: (02) 4255 1125

Email: enquiries@asms.com.au