PRODUCT DATA SHEET

Uncrushed Blast Furnace Slag

Product Code: ABF280

Definition

Blast furnace slag is the non-metallic product consisting essentially of silicates and aluminosilicates of calcium and other bases, that is developed in a molten condition simultaneously with iron in a blast furnace.

Air-cooled blast furnace slag is a predominantly crystalline, solid rock-like material.

Description

Air-cooled slag is dug from the furnace and stockpiled. Product may also be crushed or screened. May contain traces of metal.

Applications

- Embankment fill
- Sub-grade replacement
- Select fill
- Temporary working platforms

Advantages

- Cementitious properties
- Ability to accept any type sub base products
- Lower tonnages required
- Prevents existence of acid conditions
- Effective utilisation of an industrial by-product conserving natural resources

Typical Grading

SIEVE	% PASSING
1.0m	100
300mm	89
200	74
100	60
75.0	52
53.0	44
26.5	29
13.2	20
6.7	12
4.75	11
1.18	5

Typical Physical Properties

Maximum Dry Density (Standard)	2.00-2.15 t/m^3
Optimum Moisture Cont.	11-13%
Dry Strength	85-105kN
Wet Strength	75-95kN
Variation	<25%

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