

FORTISTONE SUBBASE 803 TYPE 1 VARIANT BLEND SPECIFICATION

IBA Aggregate that is classified as IBA Aggregate subbase must meet 803 Type 1 specification. It may be used as Type 1 subbase material, where permitted by the contractor, local authority or design of works.



BLENDING

IBA Aggregate is blended using non IBA aggregate. Blend cards are used to ensure consistent blending

GRADING LIMITS

Gradings are carried out weekly in accordance with BS EN 933-1 and the limits are below.

TABLE 8/X
SUB BASE TYPE
IBA AGGREGATE

In accordance with 803 Type 1, in addition, the grading shall not vary from the lower limit on one sieve to the upper limit on any adjacent sieve, or vice versa.

BS sieve size	Cumulative % by mass passing
63 mm	100
31.5 mm	75-99
16 mm	43-81
8 mm	23-66
4 mm	12-53
2.0 mm	6-42
1.0 mm	3-32
63 micron	0-9

Passing Sieve Size mm	Retained Sieve Size mm	Percentage by Mass Passing	
		Not Less Than	Not More Than
16	8	7	30
8	4	7	30

OTHER TEST RESULTS TO BE DECLARED

Other relevant tests should be carried out within the frequencies and limits described. These are summarised in the table below.


Test	Standard No.
Grading (PSD)	BS 933-1
Fines Content	BS 933-1
Moisture Content	BS 1377-2
pH level	
Los Angeles Coefficient	BS 1097-2
Plasticity	BS 1377-2
Frost Heave	BS 812
Dry Density / Optimum Moisture Content	BS EN 13286-4
Water Soluble Sulphate (WSS)	BS 1744-1
Total Sulfur (TS)	BS 1744-1
Acid Soluble Sulphide (ASS)	BS 1744-1
Aluminium Content	MCHW: Vol.1: Section 4: Clauses 4.10, 4.11, 4.12
Resistance to Wear (Micro-Deval)	BS EN 1097-1
Magnesium Sulfate Test	BS EN 1367-2


CE MARKING

A CE Mark is not currently required by EU Regulation 305/2011 and the Construction Products Directive, as 803 Type 1 is not a harmonised European standard.

Spec 001 Fortistone Subbase 803 Type 1 Blend
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