



Soil Property Testing Ltd.

Materials Division



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Specification for Highway Works Clause 805 – Granular Sub-base material TYPE 3 (open graded)

TESTING REQUIRED FOR COMPLIANCE TO EUROPEAN STANDARDS. (BS EN 13285)

Grading designation 0/40G₀, Max fines UF₅, Oversize OC₈₀. G₀ (SHW table 8/1)

	Test	Method	Amount reqd.	Compliance
1	Particle Size Distribution	BS EN 933-1	See Table 7/3	Table 8/7
2	Determination of Plastic Limit including wet sieve prep passing 0.425mm	BS1377:Part2:1990	20 grams passing 0.425mm	non-plastic
3	Resistance to Fragmentation – Los Angeles Test	BS EN 1097-2:1998	10kg – passing 14mm retained 10mm	LA ₄₀
4	Resistance to Freezing and Thawing – Magnesium Sulphate Soundness Test	BS EN 1367-2:1998	10kg – passing 14mm retained 10mm	MS ₃₅
5	Water Absorbion Test	BS EN 1097-6:2000		WA ₂₄ NR supplier to state
6	Testing for Constituent Materials in Recycled Coarse Aggregate and Recycled Concrete Aggregate	Specification for Highway Works Series 700 710 (05/01)	See Table 7/3	Table 8/3
	OTHER TESTS REQUIRED FOR PARTICULAR CONDITIONS			
A	Water Soluble Sulfate (Test No. 1) Oxidisable Sulfides (Test No. 2 and No. 4) Total Potential Sulfate (Test No. 4)	TRL Report 447 – BS EN 1744-3	2kg	SHW Clause 801
B	Volume stability of blast furnace slag Dicalcium Silicate and Iron Disintegration	BE EN 1744-1:1998 19.1 & 19.2		Free from both
C	Volume stability of steel (BOF & EAF) slags			Not Permitted
D	All other BS EN 13242 aggregate requirements			N _R