

# Aggregate Specification Datasheet

This datasheet outlines the physical and chemical properties required of construction aggregates to ensure optimal performance and compliance with Standards for Highways Specifications.



Product	Materials	Specification	Depot
Ecoblend CA	B1 + P	SHW 803	Various

## Grading Conformance

Sieve size	Typical Grading	Specification Limits	Conformance
63mm	100	100	✓
31.5mm	97	75 - 99	✓
16mm	71	43 - 81	✓
8mm	55	23 - 66	✓
4mm	40	12 - 53	✓
2mm	30	6 - 42	✓
1mm	22	3 - 32	✓
0.063mm	5.6	0 - 9	✓

## Additional grading requirements

Passing 16mm, retained 8mm	16	7 - 30	✓
Passing 8mm, retained 4mm	15	7 - 30	✓

## Physical & Chemical Compliance

Material Property	Value	Specification Requirements	Conformance
Los Angeles	36	LA <sub>50</sub>	✓
Micro Deval	13	M <sub>DE</sub> NR	No requirement
Magnesium Sulphate Soundness	7	MS <sub>35</sub>	✓
Water Absorption	4.20%	WA <sub>24</sub> NR	✓
Plasticity	Non-plastic	Non-plastic	✓
Water Soluble Sulphate BS EN 1744-1 Clause 10	859mg/l	< 1500mg/l (SO <sub>4</sub> )	✓
Total Sulphur BS EN 1744-1 Clause 11	0.5%	< 1%	✓
Frost Heave BS 812-124	8mm	< 15mm	✓