

# 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 MA	P + B1	Type 1 (SHW 803)	All

## Grading Conformance

Sieve size	Typical Grading	Specification Limits	Conformance
63mm	100	100	✓
31.5mm	96	75 - 99	✓
16mm	75	43 - 81	✓
8mm	56	23 - 66	✓
4mm	42	12 - 53	✓
2mm	32	6 - 42	✓
1mm	24	3 - 32	✓
0.063mm	7.7	0 - 9	✓

## Additional grading requirements

Passing 16mm, retained 8mm	19	7 - 30	✓
Passing 8mm, retained 4mm	14	7 - 30	✓

## Physical & Chemical Compliance

Material Property	Value	Specification Requirements	Conformance
Los Angeles	29	LA <sub>50</sub>	✓
Micro Deval	15	M <sub>DE</sub> NR	No requirement
Magnesium Sulphate Soundness	10	MS <sub>35</sub>	✓
Water Absorption	1.69%	WA <sub>24</sub> NR	✓
Plasticity	Non-plastic	Non-plastic	✓
Water Soluble Sulphate BS EN 1744-1 Clause 10	630mg/l	< 1500mg/l (SO <sub>4</sub> )	✓
Total Sulphur BS EN 1744-1 Clause 11	0.32%	< 1%	✓
Frost Heave BS 812-124	4.3mm	< 15mm	✓