

Product Specification: Stawell Quarry 56mm Class Ballast Aggregate

PRODUCT CODE: 0295

SOURCE ROCK TYPE: Hornfels

CUSTOMER: Standard Product

REFERENCE: AS2758.7 – *Aggregates and Rock for Engineering Purposes, Railway Ballast*

Relevant Tests Carried Out On Source Rock				
Test	Method	Frequency	Requirements	Reference
Los Angeles (LA) Value	AS1141.23	Initial	≤30	AS2758.7.10.4
Aggregate Crushing Value (ACV)	AS1141.21	Initial	≤30	AS2758.7.10.2

Tests Carried Out For Product Quality Control Purposes				
Sampling Method: AS1141.3.1				
Test	Method	Frequency	Requirements	Reference
Unit Mass Density	AS1141.4	1 per 3 Years	≥1.2t/m ³	AS2758.7.8.1
Particle Density (Coarse Agg)	AS1141.6	1 per 3 Years	≥2.5t/m ³	AS2758.7.8.2
Particle Shape by Proportional Calliper	AS1141.14	1 per 1200t	≤30% using 2:1 ratio	AS2758.7.9.2
Particle size distribution (Grading)	AS1141.11 (washed)	1 per 1200t	See table below	AS2758.7.9.1

Sieve Size AS (mm)	Limits of Grading (% Passing)	Target Grading (% Passing)
63.0	100	100
53.0	85 – 100	90
37.5	20 – 65	45
26.5	0 – 20	15
19.0	0 – 5	3
13.2	0 – 2	1
4.75	0 – 1	0
0.075	0 – 1	0

