

Product Specification: Stawell Quarry 7mm Class SS Aggregate

PRODUCT CODE: 0215

SOURCE ROCK TYPE: Hornfels

CUSTOMER: Standard Product

REFERENCE: *VicRoads Standard Specifications for Road works and Bridgeworks, Section 801
AS2758.1 – Aggregates and Rock for Engineering Purposes, Concrete Aggregates*

Relevant Tests Carried Out On Source Rock				
Test	Method	Frequency	Requirements	Reference
Los Angeles (LA) Value	AS1141.23	VicRoads Issue	≤30	AS2758.1.9.3.3
Alkali-Silica Reactivity (ASR) Value	RC376.03	VicRoads Issue	≤0.1%	VicRoads 610.11.e.ii
Preparation of Reference Specimens	AS1141.30 Appendix A	VicRoads Issue	See below for sound and marginal classifications	VicRoads 801.04
Degradation Factor – Source Rock	AS1141.25.1	VicRoads Issue	Sound ≥40% Marginal 20-39%	VicRoads 801.031 & 801.032
Soundness by exposure to Sodium Sulphate	AS1141.24	VicRoads Issue	weighted average loss ≤6%	AS2758.1.9.3.3

Tests Carried Out For Product Quality Control Purposes				
Sampling Method: AS1141.3.1				
Test	Method	Frequency	Requirements	Reference
Unit Mass Density	AS1141.4	On initial introduction of product	N/A – For reference purposes only	N/A
Unsound stone count by visual assessment	AS1141.30 / RC372.01	1 per 6 months	Unsound ≤5% Marginal + Unsound ≤10%	AS2758.1.9.3.4
Particle size distribution (Grading)	AS1141.11 (washed)	1 per 6 months	See table below	AS2758.1.8.1.3

Sieve Size AS (mm)	Limits of Grading (% Passing)	Limits of Deviation %	Target Grading (% Passing)
9.50	100	-	100
6.70	85 – 100	±10	92
4.75	-	±10	50
2.36	0 – 20	±10	10
0.075	0 – 2	-	1

7mm Class SS Aggregate