

Product Specification: Stawell Quarry 10mm Class A Aggregate

PRODUCT CODE: 0225

SOURCE ROCK TYPE: Hornfels

CUSTOMER: Standard Product

REFERENCE: VicRoads Standard Specifications for Road works and Bridgeworks, Sections 801 & 831

Relevant Tests Carried Out On Source Rock				
Test	Method	Frequency	Requirements	Reference
Los Angeles (LA) Value	AS1141.23	VicRoads Issue	≤20	VicRoads 801.033
Polished Stone (PS) Value	RC374.01	VicRoads Issue	≥48	VicRoads 801.034
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

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	N/A - For reference purposes only	N/A
Flakiness Index (FI)	AS1141.15 / RC302.11	3 per 270t	Individual test ≤30% Mean of lot ≤25%	VicRoads 831.052
Median Size and Average Least Dimension (ALD)	AS1141.20.3	3 per 270t	ALD values provided to customer prior to delivery	VicRoads 831.06
Unsound stone count by visual assessment	AS1141.30 / RC372.01	3 per 270t	Unsound ≤5% Marginal + Unsound ≤10%	VicRoads 831.051
Particle size distribution (Grading)	AS1141.11 (washed)	3 per 270t	See table below	VicRoads 831.05.e

Sieve Size AS (mm)	Limits of Grading - Individual test		Limits of Grading - Mean of lot		Target Grading (%Passing)
	(% Passing)	(% Retained)	(% Passing)	(% Retained)	
13.2	100	-	100	-	100
9.50	80 – 100	-	85 – 100	-	>90
6.70	-	60 (min)	-	65 (min)	<15
4.75	0 – 15	-	0 – 10	-	<3
2.36	0 – 3	-	0 – 2	-	<1