

Product Specification: Stawell Quarry 20mm Class 3 Crushed Rock

PRODUCT CODE: 0221

SOURCE ROCK TYPE: Hornfels

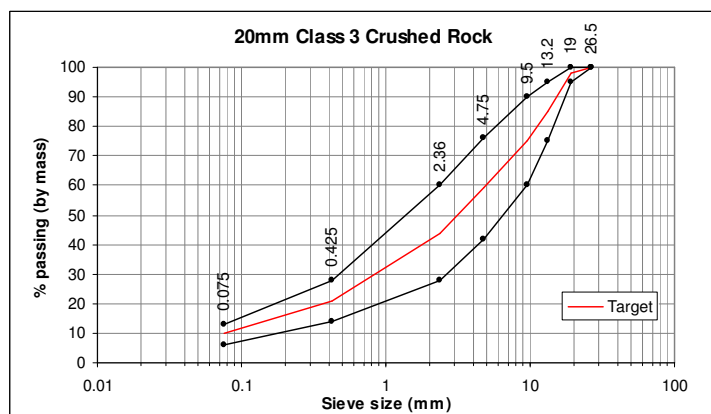
CUSTOMER: Standard Product

REFERENCE: VicRoads Standard Specifications for Road works and Bridgeworks, Sections 812 & 801

Relevant Tests Carried Out On Source Rock				
Test	Method	Frequency	Requirements	Reference
Los Angeles (LA) Value	AS1141.23	VicRoads Issue	≤35	VicRoads 801.033
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	≥40% = Sound 20-39% = Marginal	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
Maximum Dry Density / Optimum Moisture Content	AS1289.5.2	1 per Year	N/A - For reference purposes only	N/A
Plastic Index (PI)	AS1289.3.3.1	1 per 5,000t	0-10	VicRoads 812.051
Liquid Limit (as part of PI test)	AS1289.3.3.1	1 per 5,000t	≤35%	VicRoads 812.051
Permeability (Perm)	AS1289.6.7.1	On Request [†]	As per customer requirements	VicRoads 812.051
Unsound stone count by visual assessment	AS1141.30 / RC372.01	1 per 500t	Unsound ≤10% Marginal + Unsound ≤20%	VicRoads 812.052
Moisture Content (MC) – Dry Product	AS1289.2.1.6 (Hotplate method)	1 per 500t	≤5%	VicRoads 812.09a
MC – Wet Mixed (WM) Product	AS1289.2.1.6 (Hotplate method)	1 per production day then 1 per 500t	-1.0% to +0.5% of MC nominated by customer	VicRoads 812.09.a
Particle size distribution (Grading)	AS1141.11 (washed)	1 per 500t	See table and graph below	VicRoads 812.072

Sieve Size AS (mm)	Limits of Grading (% Passing)	Target Grading (% Passing)
26.5	100	100
19.0	95 – 100	98
13.2	75 – 95	85
9.50	60 – 90	75
4.75	42 – 76	59
2.36	28 – 60	44
0.425	14 – 28	21
0.075	6 – 13	10



[†] Charges may apply

Date issued: 19 May 2009
Issue number: 5
Authorised by: Tom Kerr
Date printed: 7 Aug 2009

Previous issue date: 18 Dec 2006

Date of first issue: 13 May 2002
Max review interval: 5 years
Manual index location: 19.i
Form: 2021.02