

FINAL REPORT

CERTIFICATE No.: 22678



Boral Cement Limited
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TEST CERTIFICATE OF: Berrima Daily Despatch Shrinkage Limited Cement
PRODUCED AT: Boral Cement Limited Berrima
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: BDDSL2102172
DATE DESPATCHED: 15/07/2021

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			35.4 MPa
7 Day	Minimum	35 MPa	48.3 MPa
28 Day	Minimum	45 MPa	61.6 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	120 mins
Final	Maximum	600 mins	165 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.4 %
Cl (AS 2350.2)	Maximum	0.10 %	0.02 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 μ strain	600 μ strain

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.51 %
Na₂O (AS 2350.2) 0.06 %
LOI (AS 2350.2) 4.0 %

PHYSICAL

Normal Consistency (AS 2350.3) 27.7 %
Fineness Index (AS 2350.8) 405 m²/kg
Autoclave Expansion (ASTM C151) 0.01 %

REMARKS

Preparation of mortar and moulding of specimens in accordance with AS 2350.12.
Sampling not carried out by laboratory. Samples tested as received.
This cement is a Type SL (GP) cement with up to 7.5% limestone mineral addition.



Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

Page 1 of 1

Marc Smith
Technical Services Manager
Date of Issue: 2/09/2021