

FINAL REPORT

CERTIFICATE No.: 22554



Boral Cement Limited
ABN 62 008 528 523
Taylor Avenue New Berrima NSW 2577
Locked Bag 4 New Berrima NSW 2577
T +61 2 4860 2222
F +61 2 4860 2257

TEST CERTIFICATE OF: Berrima Daily Despatch Shrinkage Limited Cement
PRODUCED AT: Boral Cement Limited Berrima
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: BDDSL2101738
DATE DESPATCHED: 8/06/2021

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			34.1 MPa
7 Day	Minimum	35 MPa	47.4 MPa
28 Day	Minimum	45 MPa	60.3 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	135 mins
Final	Maximum	600 mins	225 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.5 %
CI (AS 2350.2)	Maximum	0.10 %	0.02 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 μ strain	560 μ strain

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.59 %
Na₂O (AS 2350.2) 0.07 %
LOI (AS 2350.2) 4.2 %

PHYSICAL

Normal Consistency (AS 2350.3) 27.8 %
Fineness Index (AS 2350.8) 385 m²/kg

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

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Marc Smith
Technical Services Manager
Date of Issue: 23/07/2021