

FINAL REPORT

CERTIFICATE No.: 26052



Boral Cement Limited

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TEST CERTIFICATE OF: Maldon Daily Despatch Shrinkage Limited Cement
PRODUCED AT: Boral Cement Limited Maldon
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: MDDSL2402194
DATE DESPATCHED: 5/22/2024

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS/NZS 2350.11)			
3 Day			36.5 MPa
7 Day	Minimum	35 MPa	48.1 MPa
28 Day	Minimum	45 MPa	59.3 MPa
Setting Time (AS/NZS 2350.4)			
Initial	Minimum	45 mins	135 mins
Final	Maximum	600 mins	165 mins
Soundness (AS/NZS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.7 %
CI (AS 2350.2)	Maximum	0.10 %	0.01 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 μ strain	580 μ strain

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.55 %
Na₂O (AS 2350.2) 0.08 %
LOI (AS 2350.2) 3.9 %

PHYSICAL

Normal Consistency (AS/NZS 2350.3) 27.7 %
Fineness Index (AS/NZS 2350.8) 410 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 and results only relate to the item tested.

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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Jason Nairn
National Technical Manager
Date of Issue: 7/3/2024