

FINAL REPORT

CERTIFICATE No.: 23484



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: BDDSL2200940
DATE DESPATCHED: 5/04/2022

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			39.1 MPa
7 Day	Minimum	35 MPa	52.6 MPa
28 Day	Minimum	45 MPa	64.9 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	120 mins
Final	Maximum	600 mins	150 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.5 %
Cl (AS 2350.2)	Maximum	0.10 %	0.01 %
Shrinkage (AS 2350.13)			
28 Day Mean	Maximum	750 μ strain	560 μ strain

OTHER REPORTABLE PROPERTIES

CHEMICAL			PHYSICAL		
K ₂ O (AS 2350.2)	0.50 %		Normal Consistency (AS 2350.3)		27.8 %
Na ₂ O (AS 2350.2)	0.06 %		Fineness Index (AS 2350.8)		415 m ² /kg
LOI (AS 2350.2)	4.3 %		Autoclave Expansion (ASTM C151)		0.03 %

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: 31/05/2022