FINAL REPORT

CERTIFICATE No.: 21798

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: BDDSL2002980
DATE DESPATCHED: 7/10/2020

PROPERTY	REQUIREMENTS OF AS 3972			RESULT	
Compressive Strength (AS 2350.11)					
3 Day				32.9	MPa
7 Day	Minimum	35	MPa	46.5	MPa
28 Day	Minimum	45	MPa	60.7	MPa
Setting Time (AS 2350.4)					
Initial	Minimum	45	mins	90	mins
Final	Maximum	600	mins	165	mins
Soundness (AS 2350.5)	Maximum	5	mm	0	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	µstrain	540	µstrain

OTHER REPORTABLE PROPERTIES

CHEMICAL

K_2O	(AS 2350.2)	0.50	%
Na_2O	(AS 2350.2)	0.06	%
LOI	(AS 2350.2)	4.1	%

PHYSICAL

Normal Consistency	(AS 2350.3)	28.0	%
Fineness Index	(AS 2350.8)	380	m^2/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

Marc Smith
Technical Services Manager
Date of Issue: 26/11/2020