

# FINAL REPORT

CERTIFICATE No.: 21886



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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:** MDDSL2003296  
**DATE DESPATCHED:** 2/11/2020

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			35.5 MPa
7 Day	Minimum	35 MPa	48.4 MPa
28 Day	Minimum	45 MPa	61.1 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	105 mins
Final	Maximum	600 mins	150 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO <sub>3</sub> (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 $\mu$ strain	590 $\mu$ strain

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.55 %  
Na<sub>2</sub>O (AS 2350.2) 0.06 %  
LOI (AS 2350.2) 4.1 %

### PHYSICAL

Normal Consistency (AS 2350.3) 26.0 %  
Fineness Index (AS 2350.8) 395 m<sup>2</sup>/kg  
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

Page 1 of 1

Marc Smith  
Technical Services Manager  
Date of Issue: 7/01/2021