

# FINAL REPORT

CERTIFICATE No.: 21920



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**TEST CERTIFICATE OF:** Waurm Ponds Daily Despatch General Purpose Bulk Cement  
**PRODUCED AT:** Boral Cement Limited Waurm Ponds  
**TESTED AT:** Berrima Works Laboratory  
**SAMPLE IDENTIFICATION:** WDDGP2003362  
**DATE DESPATCHED:** 9/11/2020

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			35.3 MPa
7 Day	Minimum	35 MPa	46.6 MPa
28 Day	Minimum	45 MPa	60.5 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	120 mins
Final	Maximum	360 mins	225 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	2.8 %
Cl (AS 2350.2)	Maximum	0.10 %	0.03 %

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K<sub>2</sub>O (AS 2350.2) 0.40 %  
Na<sub>2</sub>O (AS 2350.2) 0.21 %  
LOI (AS 2350.2) 2.7 %

### PHYSICAL

Normal Consistency (AS 2350.3) 28.0 %  
Fineness Index (AS 2350.8) 385 m<sup>2</sup>/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 GP cement with up to 7.5% 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: 7/01/2021