

FINAL REPORT

CERTIFICATE No.: 21998



Boral Cement Limited
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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: WDDGP2003618
DATE DESPATCHED: 1/12/2020

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day			36.3 MPa
7 Day	Minimum	35 MPa	47.4 MPa
28 Day	Minimum	45 MPa	61.3 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	135 mins
Final	Maximum	360 mins	210 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.6 %
Cl (AS 2350.2)	Maximum	0.10 %	0.03 %

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.39 %
Na₂O (AS 2350.2) 0.23 %
LOI (AS 2350.2) 2.5 %

PHYSICAL

Normal Consistency (AS 2350.3) 28.3 %
Fineness Index (AS 2350.8) 385 m²/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: 4/02/2021