

FINAL REPORT

CERTIFICATE No.: 22748



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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: WDDGP2102370
DATE DESPATCHED: 4/08/2021

| PROPERTY | REQUIREMENTS OF AS 3972 | | RESULT |
|-----------------------------------|-------------------------|----------|----------|
| Compressive Strength (AS 2350.11) | | | |
| 3 Day | | | 38.3 MPa |
| 7 Day | Minimum | 35 MPa | 49.8 MPa |
| 28 Day | Minimum | 45 MPa | 63.0 MPa |
| Setting Time (AS 2350.4) | | | |
| Initial | Minimum | 45 mins | 135 mins |
| Final | Maximum | 360 mins | 195 mins |
| Soundness (AS 2350.5) | Maximum | 5 mm | 1 mm |
| SO ₃ (AS 2350.2) | Maximum | 3.5 % | 2.8 % |
| Cl (AS 2350.2) | Maximum | 0.10 % | 0.03 % |

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.40 %
Na₂O (AS 2350.2) 0.23 %
LOI (AS 2350.2) 2.9 %

PHYSICAL

Normal Consistency (AS 2350.3) 27.7 %
Fineness Index (AS 2350.8) 395 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: 5/10/2021