

FINAL REPORT

CERTIFICATE No.: 21903



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TEST CERTIFICATE OF: Waurm Ponds High Early Strength Cement
PRODUCED AT: Boral Cement Limited Waurm Ponds
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: WWDHE2003329
DATE DESPATCHED: 4/11/2020

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS 2350.11)			
3 Day	Minimum	25 MPa	39.7 MPa
7 Day	Minimum	40 MPa	53.5 MPa
28 Day			68.2 MPa
Setting Time (AS 2350.4)			
Initial	Minimum	45 mins	120 mins
Final	Maximum	360 mins	165 mins
Soundness (AS 2350.5)	Maximum	5 mm	1 mm
SO ₃ (AS 2350.2)	Maximum	3.5 %	2.9 %
Cl (AS 2350.2)	Maximum	0.10 %	0.03 %

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.38 %
Na₂O (AS 2350.2) 0.24 %
LOI (AS 2350.2) 1.3 %

PHYSICAL

Normal Consistency (AS 2350.3) 29.7 %
Fineness Index (AS 2350.8) 410 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 HE (GP) cement with up to 7.5% mineral addition.



Accredited for compliance with ISO/IEC 17025 - Testing

Marc Smith
Technical Services Manager