## **FINAL REPORT**

CERTIFICATE No.: 23816



Boral Cement Limited N 62 008 528 523 Taylor Avenue New Berrima NSW 2577 Locked Bag 4 New Berrima NSW 2577 T +61 2 4860 2222

TEST CERTIFICATE OF:	Geelong High Early Strength Cement	
PRODUCED AT:	Boral Cement Limited Geelong	
TESTED AT:	Berrima Works Laboratory	
SAMPLE IDENTIFICATION:	GWDHE2202112	
DATE DESPATCHED:	28/06/2022	

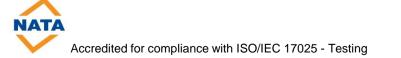
PROPERTY	REQUIREMENTS OF AS 3972		RESULT				
Compressive Strength (AS 2350.11)							
3 Day	Minimum	25 MPa	37.9 MPa				
7 Day	Minimum	40 MPa	54.6 MPa				
28 Day			68.3 MPa				
Setting Time (AS 2350.4)							
Initial	Minimum	45 mins	150 mins				
Final	Maximum	360 mins	180 mins				
Soundness (AS 2350.5)	Maximum	5 mm	1 mm				
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	2.7 %				
CI (AS 2350.2)	Maximum	0.10 %	0.01 %				

OTHER RE	PORTABLE	PROPERTIES			
CHEMICAL	-		PHYSICAL		
K <sub>2</sub> O (AS	2350.2)	0.38 %	Normal Consistency	(AS 2350.3)	29.5 %
Na <sub>2</sub> O (AS	2350.2)	0.19 %	Fineness Index	(AS 2350.8)	420 m <sup>2</sup> /kg
LOI (AS	2350.2)	0.9 %			

## 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.

Marc Smith Technical Services Manager



NATA Accreditation Number: 530 / 531

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Date of Issue: 2/09/2022