

# FINAL REPORT

CERTIFICATE No.: 25869

TEST CERTIFICATE OF: Geelong High Early Strength Cement

PRODUCED AT: Boral Cement Limited Geelong

TESTED AT: Berrima Works Laboratory

SAMPLE IDENTIFICATION:

DATE DESPATCHED:

PROPERTY	REQUIREMENTS OF AS 3972		RESULT
Compressive Strength (AS/NZS 2350.11)			
3 Day	Minimum	25 MPa	41.0 MPa
7 Day	Minimum	40 MPa	53.6 MPa
28 Day			64.4 MPa
Setting Time (AS/NZS 2350.4)			
Initial	Minimum	45 mins	75 mins
Final	Maximum	360 mins	105 mins
Soundness (AS/NZS 2350.5)	Maximum	5 mm	0 mm
SO <sub>3</sub> (AS 2350.2)	Maximum	3.5 %	2.8 %
Cl (AS 2350.2)	Maximum	0.10 %	0.02 %

## OTHER REPORTABLE PROPERTIES

### CHEMICAL

K <sub>2</sub> O (AS 2350.2)	0.33 %
Na <sub>2</sub> O (AS 2350.2)	0.27 %
LOI (AS 2350.2)	1.0 %

### PHYSICAL

Normal Consistency (AS/NZS 2350.3)	30.5 %
Fineness Index (AS/NZS 2350.8)	470 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 and results only relate to the item tested.

This cement is a Type HE (GP) cement with up to 7.5% mineral addition.

Jason Nairn  
National Technical Manager