

FINAL REPORT

CERTIFICATE No.: 25947



Boral Cement Limited

ABN 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 Daily Despatch Environment
PRODUCED AT: Boral Cement Limited Geelong
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: GDDNM2401726
DATE DESPATCHED: 3/26/2024

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.0 %
LOI (AS 3583.3)		-0.1 %
SO ₃ (AS 2350.2; TM 10.01.07)		2.8 %
MgO (AS 2350.2)	≤ 15.0 %	5.1 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	13.8 %
Fe ₂ O ₃ (AS 2350.2)		0.6 %
expressed as FeO *		0.5 %
Mn ₂ O ₃ (AS 2350.2)		0.2 %
expressed as MnO *		0.2 %
Total Alkali (AS 2350.2)		0.4 %
Cl (AS 2350.2)	≤ 0.1 %	0.01 %
Fineness passing 45µm sieve (AS 3583.1)		98 %
Fineness Index (AS/NZ 2350.8)		445 m ² /kg

REMARKS

Sampling not carried out by laboratory. Samples tested as received and results only relate to the item tested.

* NATA accreditation does not cover the performance of this service.



Accredited for compliance with ISO/IEC 17025 - Testing

A handwritten signature in blue ink, appearing to read "J. Nairn".

Jason Nairn
National Technical Manager



Building something great

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TEST REPORT – MILLED SLAG

CLIENT: BORAL CEMENT – (TECHNICAL)

FILE NO: 50/24

ADDRESS: 39 Delhi Road, North Ryde, NSW 2113

REQUEST NO: 111982

LAB SAMPLE NO: 302097

SOURCE OF SAMPLE: Boral Cement - Geelong

DATE RECEIVED: 29/04/2024

SAMPLE IDENTIFICATION: Enviroment ID # GDDNM2401726 - Date sampled: 26/03/2024

IDENTIFICATION OF CEMENT USED: Boral Cement SL Berrima Ref. 2019

TEST METHOD: AS 3583: Methods of test for supplementary cementitious materials for use with Portland cement

PROPERTY	TEST METHOD	RESULT	DATE TESTED
Relative density	AS 3583.5	2.88	01/05/2024
Relative water requirement	AS 3583.6	103%	02/05/2024
Relative strength 7 days (accelerated)	AS 3583.6	93%	09/05/2024
Relative strength 28 days (standard)	AS 3583.6	90%	30/05/2024

Melody mancenido, Parisa Sowti, Violeta Paicu, Jason Nairn, Mat File, File

Note:

- Sample supplied by the client and tested as received.

Approved signatory _____

Sam El-Hamawi

Date

03/06/2024

Serial no.

CEM111982.SE.1

