

FINAL REPORT

CERTIFICATE No.: 24405



Boral Cement Limited
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TEST CERTIFICATE OF: Geelong Daily Despatch Enviroment
PRODUCED AT: Boral Cement Limited Geelong
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: GDDNM2204532
DATE DESPATCHED: 13/12/2022

PROPERTY	REQUIREMENTS OF AS 3582.2	RESULT
Insoluble Residue (AS 3583.14)		0.2 %
LOI (AS 3583.3)		0.5 %
SO ₃ (AS 2350.2; TM 10.01.07)		0.1 %
MgO (AS 2350.2)	≤ 15.0 %	5.4 %
Al ₂ O ₃ (AS 2350.2)	≤ 18.0 %	14.8 %
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 *		0.1 %
Total Alkali (AS 2350.2)		0.4 %
Cl (AS 2350.2)	≤ 0.1 %	< 0.01 %
45µm Residue (AS 3583.1)		2.1 %
Fineness Index (AS 2350.8)		575 m ² /kg

REMARKS

Sampling not carried out by laboratory. Samples tested as received.

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



Accredited for compliance with ISO/IEC 17025 - Testing

Marc Smith
Technical Services Manager

TEST REPORT – MILLED SLAG**CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/22**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 103482**LAB SAMPLE NO:** 277398**SOURCE OF SAMPLE:** Boral Cement - Geelong**DATE RECEIVED:** 16/12/2022**SAMPLE IDENTIFICATION:** Enviroment ID # GDDNM2204532 - Date sampled: 13/12/2022**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	2.86	21/12/2022
Relative water requirement	AS 3583.6	103%	22/12/2022
Relative strength 7 days (accelerated)	AS 3583.6	112%	29/12/2022
Relative strength 28 days (standard)	AS 3583.6	106%	19/01/2023

Marc Smith, Parisa Sowti, Violeta Paicu, Brad Vanderburg, Stephanie Koehler, Mat File, File

Note:

- Sample was provided by the client and tested as received.

Approved Signatory

MUANS ABDULNEBE

Date

20-01-23

Serial No.

CEM103482.MA.2

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This report shall not be reproduced in full without the approval of the Boral MTS Laboratory.
Test results in this Test Report relate only to the samples tested.



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