

FINAL REPORT

CERTIFICATE No.: 23545



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
F +61 2 4860 2257

TEST CERTIFICATE OF: Maldon Daily Despatch Off White Cement
PRODUCED AT: Boral Cement Limited Maldon
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: MDDOW2201055
DATE DESPATCHED: 13/04/2022

| PROPERTY | REQUIREMENTS OF AS 3972 | | RESULT |
|-----------------------------|-------------------------|--------|--------|
| SO ₃ (AS 2350.2) | Maximum | 3.5 % | 2.8 % |
| Cl (AS 2350.2) | Maximum | 0.10 % | 0.01 % |

OTHER REPORTABLE PROPERTIES

CHEMICAL

K₂O (AS 2350.2) 0.40 %
Na₂O (AS 2350.2) 0.06 %
LOI (AS 2350.2) 3.4 %

PHYSICAL

Fineness Index (AS 2350.8) 405 m²/kg
Brightness * (TM 10.01.12) 71.2 %

REMARKS

Sampling not carried out by laboratory. Samples tested as received.
This cement is a Type GP cement with up to 7.5% mineral addition.
* NATA accreditation does not cover the performance of this service.



Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

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A blue ink signature, appearing to read "Marc Smith", is written over a horizontal line.

Marc Smith
Technical Services Manager
Date of Issue: 1/06/2022

**Boral Construction Materials
Materials Technical Services**

Unit 4, 3-5 Gibbon Road
Baulkham Hills NSW 2153 Australia

PO Box 400, Winston Hills NSW 2153

T +61 (02) 9624 9900

boral.com.au

TEST REPORT

CLIENT: BORAL CEMENT – (TECHNICAL)

FILE NO: 50/22

ADDRESS: 39 Delhi Road, North Ryde, NSW 2113

REQUEST NO: 99186

TEST METHOD: AS/NZS 2350: Method of Testing Portland and Blended Cements

CEMENT IDENTIFICATION: MDDOW2201055

LAB. SAMPLE NO: 266415

SAMPLE SOURCE: Maldon

DATE SAMPLED: 13/04/2022

DATE RECEIVED: 21/04/2022

Results


Date of cast: 06/05/2022

| PROPERTY | DATE TESTED | TEST METHOD | RESULT |
|--------------------------------|-------------|----------------|-------------|
| Compressive strength - 1 day | 07/05/2022 | AS/NZS 2350.11 | 20.6 MPa |
| Compressive strength - 3 days | 09/05/2022 | AS/NZS 2350.11 | 41.2 MPa |
| Compressive strength - 7 days | 13/05/2022 | AS/NZS 2350.11 | 52.4 MPa |
| Compressive strength - 28 days | 03/06/2022 | AS/NZS 2350.11 | 64.0 MPa |
| Normal Consistency | 03/06/2022 | AS/NZS 2350.3 | 28.8% |
| Setting Time Initial Set | 03/06/2022 | AS/NZS 2350.4 | 120 Minutes |
| Final Set | 03/06/2022 | AS/NZS 2350.4 | 165 Minutes |
| Soundness | 04/06/2022 | AS/NZS 2350.5 | 1 mm |

Note:

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

Marc Smith, Parisa Sowti, Violeta Paicu, Mat. File, File

Approved Signatory  Julius Alvaro
Date 08/06/2022 Serial No. CEM99186.JA.7

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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.



NATA Accredited Laboratory
Number: 547