## **FINAL REPORT**

**CERTIFICATE No.:** 25779



Boral Cement Limited
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TEST CERTIFICATE OF: Maldon Daily Despatch Off White Cement

PRODUCED AT: Boral Cement Limited Maldon
TESTED AT: Berrima Works Laboratory

**SAMPLE IDENTIFICATION:** MDDOW2400691

**DATE DESPATCHED**: 2/26/2024

| PROPERTY                              | OPERTY     |         | REQUIREMENTS OF AS 3972 |                 |           |
|---------------------------------------|------------|---------|-------------------------|-----------------|-----------|
| Compressive Strength (AS/NZS 2350.11) |            |         |                         |                 |           |
| 3 Day                                 | ,          |         |                         |                 | 41.8 MPa  |
| 7 Day                                 |            | Minimum | 35 MPa                  |                 | 49.9 MPa  |
| 28 Day                                |            | Minimum | 45 MPa                  |                 | 62.6 MPa  |
| Setting Time (AS/NZS                  | 2350.4)    |         |                         |                 |           |
| Initial                               |            | Minimum | 45 mins                 |                 | 120 mins  |
| Final                                 |            | Maximum | 360 mins                |                 | 165 mins  |
| Soundness (AS/NZS 2350.5)             |            | Maximum | 5 mm                    |                 | 0 mm      |
| SO <sub>3</sub> (AS 2350.2)           |            | Maximum | 3.5 %                   |                 | 2.6 %     |
| CI (AS 2350.2)                        |            | Maximum | 0.10 %                  |                 | 0.01 %    |
| OTHER REPORTABLE                      | PROPERTIES |         |                         |                 |           |
| CHEMICAL                              |            |         | PHYSICAL                |                 |           |
| K <sub>2</sub> O (AS 2350.2)          | 0.37 %     |         | Normal Consistency      | (AS/NZS 2350.3) | 28.2 %    |
| Na <sub>2</sub> O (AS 2350.2)         | 0.08 %     |         | Fineness Index          | (AS/NZS 2350.8) | 390 m²/kg |
| LOI (AS 2350.2)                       | 3.8 %      |         | Brightness *            | (TM 10.01.12)   | 71.1 %    |

## **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.

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

Date of Issue: 4/22/2024

<sup>\*</sup> NATA accreditation does not cover the performance of this service.