## **FINAL REPORT**

CERTIFICATE No.: 25851



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:   | Maldon Daily Despatch Off White Bagged Cement |  |  |
|------------------------|---|--|--|
| PRODUCED AT:           | Boral Cement Limited Maldon                   |  |  |
| TESTED AT:             | Berrima Works Laboratory                      |  |  |
| SAMPLE IDENTIFICATION: | MBGOW2401057                                  |  |  |
| DATE DESPATCHED:       | 3/18/2024                                     |  |  |

| PROPERTY                              | REQUIREME | ENTS OF AS 3972 | RESULT   |  |  |  |  |  |
|---------------------------------------|-----------|-----------------|----------|--|--|--|--|--|
| Compressive Strength (AS/NZS 2350.11) |           |                 |          |  |  |  |  |  |
| 3 Day                                 |           |                 | 39.6 MPa |  |  |  |  |  |
| 7 Day                                 | Minimum   | 35 MPa          | 50.2 MPa |  |  |  |  |  |
| 28 Day                                | Minimum   | 45 MPa          | 61.1 MPa |  |  |  |  |  |
| Setting Time (AS/NZS 2350.4)          |           |                 |          |  |  |  |  |  |
| Initial                               | Minimum   | 45 mins         | 135 mins |  |  |  |  |  |
| Final                                 | Maximum   | 360 mins        | 180 mins |  |  |  |  |  |
| Soundness (AS/NZS 2350.5)             | Maximum   | 5 mm            | 1 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) | 0.41 %   | Normal Consistency | (AS/NZS 2350.3) | 28.8 %                 |  |  |  |
| Na <sub>2</sub> O           | (AS 2350.2) | 0.08 %   | Fineness Index     | (AS/NZS 2350.8) | 370 m <sup>2</sup> /kg |  |  |  |
| LOI                         | (AS 2350.2) | 3.9 %    | Brightness *       | (TM 10.01.12)   | 70.9 %                 |  |  |  |
|                             |             |          |                    |                 |                        |  |  |  |

## 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 GP cement with up to 7.5% mineral addition.

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



Marc Smith Technical Services Manager