## **FINAL REPORT**

CERTIFICATE No.: 24780



Boral Cement Limited N 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:   | RTIFICATE OF: Maldon Daily Despatch Off White Bagged Cement |  |  |  |
|------------------------|---|--|--|--|
| PRODUCED AT:           | Boral Cement Limited Maldon                                 |  |  |  |
| TESTED AT:             | Berrima Works Laboratory                                    |  |  |  |
| SAMPLE IDENTIFICATION: | MBGOW2301299  |  |  |  |
| DATE DESPATCHED:       | 17/04/2023  |  |  |  |

| PROPERTY                          | REQUIREM | ENTS OF AS 3972 | RESULT   |
|-----------------------------------|----------|-----------------|----------|
| Compressive Strength (AS 2350.11) |          |                 |          |
| 3 Day                             |          |                 | 41.5 MPa |
| 7 Day                             | Minimum  | 35 MPa          | 52.7 MPa |
| 28 Day                            | Minimum  | 45 MPa          | 65.5 MPa |
| Setting Time (AS 2350.4)          |          |                 |          |
| Initial                           | Minimum  | 45 mins         | 150 mins |
| Final                             | Maximum  | 360 mins        | 210 mins |
| Soundness (AS 2350.5)             | Maximum  | 5 mm            | 1 mm     |
| SO <sub>3</sub> (AS 2350.2)       | Maximum  | 3.5 %           | 2.8 %    |
| CI (AS 2350.2)                    | Maximum  | 0.10 %          | 0.01 %   |

| OTHER REPORTABLE PROPERTIES |             |        |                    |               |           |  |  |  |
|-----------------------------|-------------|--------|--------------------|---------------|-----------|--|--|--|
| CHEMI                       | CAL         |        | PHYSICAL           |               |           |  |  |  |
| K <sub>2</sub> O            | (AS 2350.2) | 0.30 % | Normal Consistency | (AS 2350.3)   | 28.3 %    |  |  |  |
| Na <sub>2</sub> O           | (AS 2350.2) | 0.08 % | Fineness Index     | (AS 2350.8)   | 355 m²/kg |  |  |  |
| LOI                         | (AS 2350.2) | 4.0 %  | Brightness *       | (TM 10.01.12) | 70.0 %    |  |  |  |
|                             |             |        |                    |               |           |  |  |  |

## REMARKS

Preparation of mortar and moulding of specimens in accordance with AS 2350.12.

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.



Marc Smith Technical Services Manager