## **FINAL REPORT**

CERTIFICATE No.: 25839



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: Geelong Daily Despatch General Purpose Bulk Cement

PRODUCED AT: Boral Cement Limited Geelong

**TESTED AT:** Berrima Works Laboratory

**SAMPLE IDENTIFICATION:** GDDGP2401089

**DATE DESPATCHED:** 3/11/2024

| PROPERTY                              |            | REQUIREM | ENTS OF AS 3972    |                 | RESULT                 |
|---------------------------------------|------------|----------|--------------------|-----------------|------------------------|
| Compressive Strength (AS/NZS 2350.11) |            |          |                    |                 |                        |
| 3 Day                                 | ,          |          |                    |                 | 38.3 MPa               |
| 7 Day                                 |            | Minimum  | 35 MPa             |                 | 48.8 MPa               |
| 28 Day                                |            | Minimum  | 45 MPa             |                 | 61.3 MPa               |
| Setting Time (AS/NZS 2                | 2350.4)    |          |                    |                 |                        |
| Initial                               | ·          | Minimum  | 45 mins            |                 | 105 mins               |
| Final                                 |            | Maximum  | 360 mins           |                 | 120 mins               |
| Soundness (AS/NZS 2350.5)             |            | Maximum  | 5 mm               |                 | 1 mm                   |
| SO <sub>3</sub> (AS 2350.2)           |            | Maximum  | 3.5 %              |                 | 3.0 %                  |
| CI (AS 2350.2)                        |            | Maximum  | 0.10 %             |                 | 0.03 %                 |
| OTHER REPORTABLE                      | PROPERTIES |          |                    |                 |                        |
| CHEMICAL                              |            |          | PHYSICAL           |                 |                        |
| K <sub>2</sub> O (AS 2350.2)          | 0.41 %     |          | Normal Consistency | (AS/NZS 2350.3) | 28.0 %                 |
| Na <sub>2</sub> O (AS 2350.2)         | 0.27 %     |          | Fineness Index     | (AS/NZS 2350.8) | 400 m <sup>2</sup> /kg |
| LOI (AS 2350.2)                       | 3.2 %      |          |                    |                 |                        |

## **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.

