## **FINAL REPORT**

**CERTIFICATE No.:** 26466



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 General Purpose Bagged Cement

PRODUCED AT: Boral Cement Limited Maldon

**TESTED AT:** Berrima Works Laboratory

SAMPLE IDENTIFICATION: MBGGP2404535

DATE DESPATCHED: 1/10/2024

| PROPERTY                      |                 | REQUIREM | REQUIREMENTS OF AS 3972 |                 |                        |
|-------------------------------|-----------------|----------|-------------------------|-----------------|------------------------|
| Compressive Strength (A       | AS/NZS 2350.11) |          |                         |                 |                        |
| 3 Day                         | ,               |          |                         |                 | 32.0 MPa               |
| 7 Day                         |                 | Minimum  | 35 MPa                  |                 | 45.5 MPa               |
| 28 Day                        |                 | Minimum  | 45 MPa                  |                 | 61.1 MPa               |
| Setting Time (AS/NZS 2        | 2350.4)         |          |                         |                 |                        |
| Initial                       | ,               | Minimum  | 45 mins                 |                 | 150 mins               |
| Final                         |                 | Maximum  | 360 mins                |                 | 195 mins               |
| Soundness (AS/NZS 2350.5)     |                 | Maximum  | 5 mm                    |                 | 0 mm                   |
| SO <sub>3</sub> (AS 2350.2)   |                 | Maximum  | 3.5 %                   |                 | 2.7 %                  |
| CI (AS 2350.2)                |                 | Maximum  | 0.10 %                  |                 | 0.02 %                 |
| OTHER REPORTABLE              | PROPERTIES      |          |                         |                 |                        |
| CHEMICAL                      |                 |          | PHYSICAL                |                 |                        |
| K <sub>2</sub> O (AS 2350.2)  | 0.66 %          |          | Normal Consistency      | (AS/NZS 2350.3) | 27.5 %                 |
| Na <sub>2</sub> O (AS 2350.2) | 0.11 %          |          | Fineness Index          | (AS/NZS 2350.8) | 370 m <sup>2</sup> /kg |
| LOI (AS 2350.2)               | 1.5 %           |          |                         | ·               | ·                      |

## **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.

Shaker

Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

Page 1 of 1

Jason Nairn National Technical Manager

Date of Issue: 13/11/2024