

FINAL REPORT

CERTIFICATE No.: 23495



Boral Cement Limited
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TEST CERTIFICATE OF: Somerton Daily Despatch Pozzoment
PRODUCED AT: Boral Cement Limited Somerton
TESTED AT: Berrima Works Laboratory
SAMPLE IDENTIFICATION: SDDPZ2200961
DATE DESPATCHED: 18/03/2022

| PROPERTY | REQUIREMENTS OF AS 3972 | | RESULT |
|-----------------------------|-------------------------|--------|--------|
| SO ₃ (AS 2350.2) | Maximum | 3.5 % | 1.8 % |
| Cl (AS 2350.2) | Maximum | 0.10 % | 0.02 % |

OTHER REPORTABLE PROPERTIES

CHEMICAL

PHYSICAL

Fineness Index (AS 2350.8) 380 m²/kg

REMARKS

Sampling not carried out by laboratory. Samples tested as received.
This blended cement is a Type GB cement with nominally 75% cement / 25% fly ash.



Accredited for compliance with ISO/IEC 17025 - Testing

NATA Accreditation Number: 530 / 531

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A handwritten signature in blue ink, appearing to read "Marc Smith", is written over a horizontal line.

Marc Smith
Technical Services Manager
Date of Issue: 19/05/2022

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boral.com.au**TEST REPORT****CLIENT:** BORAL CEMENT – (TECHNICAL)**FILE NO:** 50/22**ADDRESS:** 39 Delhi Road, North Ryde, NSW 2113**REQUEST NO:** 99018**TEST METHOD:** AS/NZS 2350: Method of Testing Portland and Blended Cements**CEMENT IDENTIFICATION:** SDDPZ2200961**LAB. SAMPLE NO:** 265976**SAMPLE SOURCE:** Boral Cement - Somerton**DATE SAMPLED:** 18/03/2022**DATE RECEIVED:** 11/04/2022**Results**Date of cast: 13/04/2022

| PROPERTY | DATE TESTED | TEST METHOD | RESULT |
|--------------------------------|-------------|----------------|-------------|
| Compressive strength - 3 days | 16/04/2022 | AS/NZS 2350.11 | 22.5 MPa |
| Compressive strength - 7 days | 20/04/2022 | AS/NZS 2350.11 | 31.1 MPa |
| Compressive strength - 28 days | 11/05/2022 | AS/NZS 2350.11 | 43.2 MPa |
| Normal Consistency | 20/05/2022 | AS/NZS 2350.3 | 28.5% |
| Setting Time Initial Set | 20/05/2022 | AS/NZS 2350.4 | 180 Minutes |
| Final Set | 20/05/2022 | AS/NZS 2350.4 | 285 Minutes |
| Soundness | 21/05/2022 | AS/NZS 2350.5 | 1 mm |

Notes:

- Cement was provided by the client and tested as received.
- This Test Report replaces Boral MTS Laboratory Test Report with Serial No. CEM99018.JA.1 issued on 28/05/2022.

Marc Smith, Parisa Sowti, Violeta Paicu, Mat. File, File

Approved Signatory Julius Alvaro
Date 31/05/2022 Serial No. CEM99018.JA.1.R1Accredited for compliance with ISO/IEC 17025 – Testing
This report shall not be reproduced in full without the approval of the Boral MTS Laboratory.
Test results in this Test Report relate only to the samples tested.**NATA Accredited Laboratory**
Number: 547