ADBRI Cement
ABN 96 007 870 199

# Cement Test Certificate

Final

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**Product Certified:** Type GP General Purpose Cement
**Test Certificate Number:** 250450
**Customer:** Adbri Cement, Birkenhead Plant, SA
**Sample Code:** B0bc060
**Sample Date:** 4/08/2025

| Nominal Blend | Requirements | Result |
|---|---|---|
| Clinker | | >85 % |
| Ground Granulated Iron Blast-Furnace Slag | | Nil |
| Mineral Addition | Max 7.5 % | <7.5 % |
| Calcium Sulphate | | 4-8 % |
| Minor Additional Constituents | Max 5 % | <5 % |

| Reportable Property | Test Method | Requirements of AS3972 | Result |
|---|---|---|---|
| 3 Day Strength | AS/NZS2350.11 | N/R | 37.7 MPa |
| 7 Day Strength | AS/NZS2350.11 | Min 35.0 MPa | 47.8 MPa |
| 28 Day Strength | AS/NZS2350.11 | Min 45.0 MPa | 61.4 MPa |
| Initial Set Time | AS/NZS2350.4 | Min 45 min | 105 min |
| Final Set Time | AS/NZS2350.4 | Max 360 min | 195 min |
| Soundness | AS/NZS2350.5 | Max 5 mm | 2 mm |
| Sulfuric Anhydride content ($SO_3$) | AS2350.2 | Max 3.5 % | 2.4 % |
| Chloride Ion | BH-TM-0507 | Max 0.10 % | 0.026 % |
| **Other Properties** | | | |
| $SiO_2$ | AS2350.2 | N/R | 20.2 % |
| $Al_2O_3$ | AS2350.2 | N/R | 4.6 % |
| $Fe_2O_3$ | AS2350.2 | N/R | 3.0 % |
| CaO | AS2350.2 | N/R | 63.5 % |
| MgO | AS2350.2 | N/R | 1.9 % |
| $Na_2O$ Equivalent | AS2350.2 | N/R | 0.4 % |
| Loss on Ignition | AS2350.2 | N/R | 3.7 % |
| Fineness Index | AS/NZS2350.8 | N/R | 375 $m^2/kg$ |
| Normal Consistency | AS/NZS2350.3 | N/R | 28.6 % |

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**REMARKS**

These test result apply specifically to the sample as received at the Adbri Cement Birkenhead Laboratory (Accreditation number: 252), 62 Elder Rd Birkenhead SA 5015.
This despatch grab sample complies to the requirements of AS3972:2010, Type GP Cement.
N/R = No Requirement

NATA WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing.

Approved Signatory
M. Wythe

**Issue Date:** 14/09/2025