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# Slag Test Certificate

Final

**Product Certified:** Ground Granulated Blast Furnace Slag
**Test Certificate Number:** 250350
**Customer:** Adbri Cement, Angaston Plant, SA
**Sample Code:** B0b9626
**Sample Date:** 4/06/2025

| Nominal Blend | Requirements | Result |
|---|---|---|
| Ground Granulated Iron Blast-Furnace Slag | | >95 % |
| Calcium Sulphate | | <5 % |
| Other Additions | | <0.5 % |

| Reportable Property | Test Method | Requirements of AS3582.2 | Result |
|---|---|---|---|
| Alumina ($Al_2O_3$) | AS2350.2 | Max 18.0 % | 13.2 % |
| Total Iron (FeO) | AS2350.2 | N/R | 0.8 % |
| Magnesia (MgO) | AS2350.2 | Max 15.0 % | 5.6 % |
| Total Alkali ($Na_2O$ Equivalent) | AS2350.2 | N/R | 0.5 % |
| Manganese (MnO) | ASTM C114 | N/R | 0.3 % |
| Sulfate (as $SO_3$) content | AS3583.8 | N/R | 1.1 % |
| Sulfide Sulfur (S) | AS3583.7 | Max 1.5 % | 0.8 % |
| Chloride Ion Content | AS3583.13 | Max 0.1 % | 0.036 % |
| Loss on Ignition | AS3583.3 | N/R | -0.2 % |
| Insoluble Residue | AS3583.14 | N/R | 0.2 % |
| 45 µm Residue | AS3583.1 | N/R | 96 % passing |
| Relative Density | AS3583.5 | N/R | 2.86 |
| Relative Water Requirement | AS3583.6 | N/R | 100 % |
| Strength Index | AS3583.6 | N/R | 94 % |
| **Other Properties** | | | |
| $SiO_2$ | AS2350.2 | N/R | 34.2 % |
| CaO | AS2350.2 | N/R | 42.3 % |
| Fineness Index | AS/NZS2350.8 | N/R | 410 $m^2/kg$ |

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**REMARKS**

These test results apply specifically to the above designated sample as received at the Adbri Cement Birkenhead Laboratory (Accredited number: 252), 62 Elder Rd Birkenhead SA 5015.
For Relative Water and Strength Index testing the reference control used is Birkenhead GP code B0b9a53.
This despatch grab sample complies to the requirements of AS3582.2:2016, Ground Granulated Blast Furnace Slag. N/R = No Requirement

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing.

Approved Signatory
M. Wythe

**Issue Date:** 27/07/2025