ADBRI Cement
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Slag Test Certificate

Final

Product Certified: Ground Granulated Blast Furnace Slag
Test Certificate Number: 250338
Customer: Adbri Cement, Angaston Plant, SA
Sample Code: B0b7e46
Sample Date: 3/05/2025

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 %	13.5 %
Total Iron (FeO)	AS2350.2	N/R	1.1 %
Magnesia (MgO)	AS2350.2	Max 15.0 %	5.4 %
Total Alkali (Na_2O Equivalent)	AS2350.2	N/R	0.4 %
Manganese (MnO)	ASTM C114	N/R	0.3 %
Sulfate (as SO_3) content	AS3583.8	N/R	1.0 %
Sulfide Sulfur (S)	AS3583.7	Max 1.5 %	0.9 %
Chloride Ion Content	AS3583.13	Max 0.1 %	0.028 %
Loss on Ignition	AS3583.3	N/R	-0.9 %
Insoluble Residue	AS3583.14	N/R	0.4 %
45 µm Residue	AS3583.1	N/R	95 % passing
Relative Density	AS3583.5	N/R	2.94
Relative Water Requirement	AS3583.6	N/R	102 %
Strength Index	AS3583.6	N/R	88 %
Other Properties			
SiO_2	AS2350.2	N/R	34.2 %
CaO	AS2350.2	N/R	42.5 %
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 B0b80a4.
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