ADBRI Cement
ABN 96 007 870 199

Cement Test Certificate

Final

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Product Certified: Type HE Brightonlite Cement
Test Certificate Number: 250568
Customer: Adbri Cement, Angaston Plant, SA
Sample Code: B0bef66
Sample Date: 03/10/2025

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	Min 25.0 MPa	38.4 MPa
7 Day Strength	AS/NZS2350.11	Min 40.0 MPa	46.4 MPa
28 Day Strength	AS/NZS2350.11	N/R	61.3 MPa
Initial Set Time	AS/NZS2350.4	Min 45 min	105 min
Final Set Time	AS/NZS2350.4	Max 360 min	150 min
Soundness	AS/NZS2350.5	Max 5 mm	0 mm
Sulfuric Anhydride content (SO_3)	AS2350.2	Max 3.5 %	2.6 %
Chloride Ion	AS3583.13	Max 0.10 %	0.004 %
Other Properties			
SiO_2	AS2350.2	N/R	21.6 %
Al_2O_3	AS2350.2	N/R	5.0 %
Fe_2O_3	AS2350.2	N/R	0.6 %
CaO	AS2350.2	N/R	65.6 %
MgO	AS2350.2	N/R	0.9 %
Na_2O Equivalent	AS2350.2	N/R	0.3 %
Loss on Ignition	AS2350.2	N/R	3.5 %
Fineness Index	AS/NZS2350.8	N/R	455 m^2/kg
Normal Consistency	AS/NZS2350.3	N/R	27.5 %
Brightness (L)*	BH-TM-0552	N/R	72

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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 HE Cement.
* NATA Accreditation No 252 does not cover the performance of this service.
N/R = No Requirement

NATA
WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing.

Approved Signatory
M. Wythe

Issue Date: 03/12/2025