

Cement Test CertificateFinal

62 Elder Road, Birkenhead SA 5015 PO Box 77, Port Adelaide SA 5015 T: +61 8 8300 0300

F: +61 8 8341 1591 www.adbri.com.au

Product Certified: Type HE High Early Strength Cement

Test Certificate Number: 200484

Produced At: Adelaide Brighton Cement, Birkenhead Plant, SA

Sample Code: B07c6ef
Sample Date: 16/10/2020

Nominal Blend	Requirements	Result
Clinker		>85 %
Ground Granulated Iron Blast-Furnace Slag		Nil
Mineral Addition	Max 7.5 %	<7.5 %
Calcium Sulphate		>5 %
Minor Additional Constituents	Max 5 %	<1 %

Reportable Property	Test Method	Requirements of	f Result
		AS3972	
3 Day Strength	AS2350.11	Min 25.0 MPa	42.4 MPa
7 Day Strength	AS2350.11	Min 40.0 MPa	54.0 MPa
28 Day Strength	AS2350.11	N/R	62.1 MPa
Initial Set Time	AS2350.4	Min 45 min	75 min
Final Set Time	AS2350.4	Max 360 min	150 min
Soundness	AS2350.5	Max 5 mm	2 mm
Sulfuric Anhydride content (SO ₃)	AS2350.2	Max 3.5 %	2.7 %
Chloride Ion	BH-TM-0507	Max 0.10 %	0.007 %
Other Properties			
SiO ₂	AS2350.2	N/R	19.7 %
Al_2O_3	AS2350.2	N/R	4.6 %
Fe_2O_3	AS2350.2	N/R	3.2 %
CaO	AS2350.2	N/R	63.0 %
MgO	AS2350.2	N/R	1.8 %
Na ₂ O Equivalent	AS2350.2	N/R	0.5 %
Loss on Ignition	AS2350.2	N/R	3.9 %
Fineness Index	AS2350.8	N/R	470 m²/kg
Normal Consistency	AS2350.3	N/R	29.8 %

 ${\it This\ document\ shall\ not\ be\ reproduced\ except\ in\ full.}$

REMARKS

These test result apply specifically to the sample as received at the Adelaide Brighton 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. N/R = No Requirement



Accredited for compliance with ISO/IEC 17025 - Testing. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Approved Signatory
M. Wythe

Issue Date: 30/11/2020