

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 0915-19
TEST CERTIFICATE FOR: Aalwhite
PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane
SAMPLE IDENTIFICATION: Spot Despatch Sample sample B6P-000158 sampled on 8/7/2019
SAMPLE TESTED AT: Sunstate Cement Ltd, Port of Brisbane

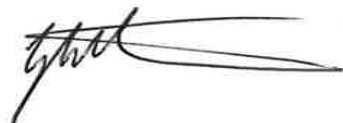
SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
3 day				22.1 MPa
7 day		Minimum	20 MPa	37.0 MPa
28 day		Minimum	35 MPa	54.2 MPa
Setting time	AS2350.4			
Initial		Minimum	45 mins	135 mins
Final		Maximum	600 mins	210 mins
Soundness	AS2350.5	Maximum	5 mm	1 mm
Sulphuric anhydride (SO ₃)	In House	Maximum	3.5 %	1.8 %

REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			1.1 %
Fineness	AS2350.8			470 m ² /kg
Chloride	AS3583.13			0.0056 %

OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	In House			33.0 %

SAMPLING PROCEDURE: Cement samples obtained according to the requirements of AS2350.1

REMARKS: The results of the above tests relate only to the sample as described above.



G Santaguiliana
Approved Signatory
3-Sep-2019

Page 1 of 1

A.B.N. 58 010 421 879
 POSTAL ADDRESS: PO BOX 350, WYNNUM, QLD. 4178
 PHONE: (07) 3895 9800 FAX: (07) 3895 9801



NATA accredited laboratory
 Laboratory Number: 2190 / 2191
 Accredited for compliance with
 ISO/IEC 17025
 The results of the tests,
 calibrations and/or measurements
 included in this document are
 traceable to Australian/national
 standards. This document shall not
 be reproduced except in full.