

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 0020-19
TEST CERTIFICATE FOR: Slag Blend 30
PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane
SAMPLE IDENTIFICATION: Spot Despatch Sample sample O6P-000644 sampled on 14/1/2019
SAMPLE TESTED AT: Sunstate Cement Ltd, Port of Brisbane

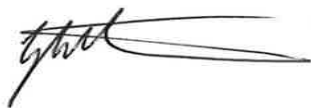
SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
3 day				30.0 MPa
7 day		Minimum	20 MPa	38.6 MPa
28 day		Minimum	35 MPa	62.8 MPa
Setting time	AS2350.4			
Initial		Minimum	45 mins	120 mins
Final		Maximum	600 mins	195 mins
Soundness	AS2350.5	Maximum	5 mm	0 mm
Sulphuric anhydride (SO ₃)	In house	Maximum	3.5 %	2.3 %

REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			2.6 %
Fineness	AS2350.8			435 m ² /kg
Chloride	AS3583.13			0.0020 %

OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	In House			30.8 %

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.
The blended cement is produced with a nominal 30% GBFS content.



G Santaguiliana
Approved Signatory
20-Mar-2019



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.