

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 0172-18
TEST CERTIFICATE FOR: SL Cement
PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane
SAMPLE IDENTIFICATION: Spot Despatch Sample sample W6P-001017 sampled on 12/2/2018
SAMPLE TESTED AT: Sunstate Cement Ltd, Port of Brisbane

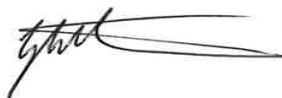
SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
Compressive strength	AS2350.11, AS2350.12			
3 day				31.0 MPa
7 day		Minimum	35 MPa	44.2 MPa
28 day		Minimum	45 MPa	56.6 MPa
Setting time	AS2350.4			
Initial		Minimum	45 mins	135 mins
Final		Maximum	600 mins	195 mins
Soundness	AS2350.5	Maximum	5 mm	1 mm
Sulphuric anhydride (SO ₃)	In House	Maximum	3.5 %	2.9 %

REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			0.9 %
Fineness	AS2350.8			320 m ² /kg
Drying Shrinkage	AS2350.13	Maximum	750 µs	640 µs
Chloride	AS3583.13			0.0133 %

OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	In House			26.2 %

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
9-Apr-2018



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