

CERTIFICATE OF ANALYSIS

**CERTIFICATE No.** 0224-19  
**TEST CERTIFICATE FOR:** Sunlite  
**PRODUCED AT:** Sunstate Cement Ltd, Port of Brisbane  
**SAMPLE IDENTIFICATION:** Spot Despatch Sample sample L6P-001243 sampled on 18/2/2019  
**SAMPLE TESTED AT:** Sunstate Cement Ltd, Port of Brisbane

SPECIFIED PROPERTY	TEST METHOD	AS3972 REQUIREMENTS	RESULT
Compressive strength	AS2350.11, AS2350.12		
3 day		Minimum 25 MPa	44.7 MPa
7 day		Minimum 40 MPa	55.7 MPa
28 day			63.9 MPa
Setting time	AS2350.4		
Initial		Minimum 45 mins	90 mins
Final		Maximum 360 mins	150 mins
Soundness	AS2350.5	Maximum 5 mm	1 mm
Sulphuric anhydride (SO <sub>3</sub> )	In House	Maximum 3.5 %	2.9 %

REPORTABLE PROPERTY	TEST METHOD	RESULT
Loss on ignition	AS2350.2	3.9 %
Fineness	AS2350.8	450 m <sup>2</sup> /kg
Chloride	AS3583.13	0.0089 %

OTHER PROPERTIES	TEST METHOD	RESULT
Normal Consistency	In House	29.5 %

**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**  
**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.