

CERTIFICATE OF ANALYSIS

CERTIFICATE No. 1378-19
TEST CERTIFICATE FOR: Sunlite
PRODUCED AT: Sunstate Cement Ltd, Port of Brisbane
SAMPLE IDENTIFICATION: Spot Despatch Sample sample L6P-001280 sampled on 28/10/2019
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 | 39.4 MPa |
| 7 day | | Minimum 40 MPa | 49.7 MPa |
| 28 day | | | 61.8 MPa |
| Setting time | AS2350.4 | | |
| Initial | | Minimum 45 mins | 75 mins |
| Final | | Maximum 360 mins | 135 mins |
| Soundness | AS2350.5 | Maximum 5 mm | 2 mm |
| Sulphuric anhydride (SO ₃) | In House | Maximum 3.5 % | 2.9 % |

| REPORTABLE PROPERTY | TEST METHOD | RESULT |
|---------------------|-------------|------------------------|
| Loss on ignition | AS2350.2 | 5.2 % |
| Fineness | AS2350.8 | 470 m ² /kg |
| Chloride | AS3583.13 | 0.0154 % |

| OTHER PROPERTIES | TEST METHOD | RESULT |
|--------------------|-------------|--------|
| Normal Consistency | In House | 29.1 % |

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
2-Dec-2019



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