

# Certificate Of Analysis

Certificate Number: **0118-24** Issue Number: **1** Issue Date: **1/07/2024 11:07:48 AM**  
 Test Certificate for: **SUNLITE Cement**  
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Identification: **Spot Despatch Sample L6P-001502 dated 11/03/2024**  
 Sample Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**


| SPECIFIC PROPERTY                           | TEST METHOD          | AS3972 REQUIREMENTS |          | RESULT                      |
|---|----------------------|---------------------|----------|-----------------------------|
| <b>Compressive strength</b>                 | AS2350.11, AS2350.12 |                     |          |                             |
| 3 Day                                       |                      | Minimum             | 25 MPa   | <b>37.3 MPa</b>             |
| 7 Day                                       |                      | Minimum             | 40 Mpa   | <b>47.2 MPa</b>             |
| 28 Day                                      |                      |                     |          | <b>61.3 MPa</b>             |
| <b>Setting Time</b>                         | AS2350.4             |                     |          |                             |
| Initial                                     |                      | Minimum             | 45 mins  | <b>75 mins</b>              |
| Final                                       |                      | Maximum             | 360 mins | <b>135 mins</b>             |
| <b>Soundness</b>                            | AS2350.5             | Maximum             | 5 mm     | <b>1 mm</b>                 |
| <b>Sulphuric anhydride (SO<sub>3</sub>)</b> | In House             | Maximum             | 3.5 %    | <b>3.1 %</b>                |
| <b>Chloride</b>                             | AS3583.13            | Maximum             | 0.1 %    | <b>0.015 %</b>              |
| REPORTABLE PROPERTY                         | TEST METHOD          |                     |          | RESULT                      |
| <b>Loss on ignition</b>                     | AS2350.2             |                     |          | <b>5.1 %</b>                |
| <b>Fineness</b>                             | AS2350.8             |                     |          | <b>425 m<sup>2</sup>/kg</b> |
| OTHER PROPERTIES                            | TEST METHOD          |                     |          | RESULT                      |
| <b>Normal Consistency</b>                   | AS2350.3             |                     |          | <b>29.8 %</b>               |

**Sampling Procedure:**


Samples were prepared in accordance with AS2350.1

**Remarks:**

- 1 These results only relate to the specimens identified on this report



NATA accredited  
 Laboratory Number: 2191  
 Accredited for compliance with  
 ISO/IEC 17025 Testing



George Santagiuliana  
 Approved Signature  
 01/07/2024

***This certificate replaces previous certificate number 0118-24, issue 0 dated (REASON: Test Data Updated)***