

Certificate Of Analysis

Certificate Number: **1109-20** Issue Number: **1** Issue Date: **12/02/2021 3:05:36 PM**
 Test Certificate for: **SUNLITE Cement**
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Sample Identification: **Spot Despatch Sample L6P-001333 dated 9/11/2020**
 Sample Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**

| SPECIFIC PROPERTY | TEST METHOD | AS3972 REQUIREMENTS | | RESULT |
|---|----------------------|---------------------|----------|-----------------------------|
| Compressive strength | AS2350.11, AS2350.12 | | | |
| 3 Day | | Minimum | 25 MPa | 40.8 MPa |
| 7 Day | | Minimum | 40 Mpa | 48.8 MPa |
| 28 Day | | | | 60.5 MPa |
| Setting Time | AS2350.4 | | | |
| Initial | | Minimum | 45 mins | 75 mins |
| Final | | Maximum | 360 mins | 135 mins |
| Soundness | AS2350.5 | Maximum | 5 mm | 1 mm |
| Sulphuric anhydride (SO₃) | In House | Maximum | 3.5 % | 3.0 % |
| Chloride | AS3583.13 | Maximum | 0.1 % | 0.018 % |
| REPORTABLE PROPERTY | TEST METHOD | | | RESULT |
| Loss on ignition | AS2350.2 | | | 4.7 % |
| Fineness | AS2350.8 | | | 455 m²/kg |
| OTHER PROPERTIES | TEST METHOD | | | RESULT |
| Normal Consistency | AS2350.3 | | | 29.1 % |

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

12/02/2021

This certificate replaces previous certificate number 1109-20, issue 0 dated (REASON: Test Data Updated)