

Certificate Of Analysis

Certificate Number: **0648-21** Issue Number: **1** Issue Date: **13/01/2022 2:00:31 PM**
 Test Certificate for: **Slag Blend 30**
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Sample Identification: **Spot Despatch Sample O6P-000784 dated 8/11/2021**
 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 | | | | 29.5 MPa |
| 7 Day | | Minimum | 20 MPa | 41 MPa |
| 28 Day | | Minimum | 35 Mpa | 60 MPa |
| Setting Time | AS2350.4 | | | |
| Initial | | Minimum | 45 mins | 105 mins |
| Final | | Maximum | 600 mins | 165 mins |
| Soundness | AS2350.5 | Maximum | 5 mm | 1 mm |
| Sulphuric anhydride (SO₃) | In House | Maximum | 3.5 % | 2.5 % |
| Chloride | AS3583.13 | Maximum | 0.1 % | 0.005 % |
| REPORTABLE PROPERTY | TEST METHOD | | | RESULT |
| Loss on ignition | AS2350.2 | | | 2.4 % |
| Fineness | AS2350.8 | | | 435 m ² /kg |
| OTHER PROPERTIES | TEST METHOD | | | RESULT |
| Normal Consistency | AS2350.3 | | | 30.5 % |

Sampling Procedure:

Samples were prepared in accordance with AS2350.1

Remarks:

- 1 These results only relate to the specimens identified on this report
- 2 The blended cement is produced with a nominal 30% GBFS content



NATA accredited
 Laboratory Number: 2191

 Accredited for compliance with
 ISO/IEC 17025 Testing



George Santagiuliana
 Approved Signature
 13/01/2022

This certificate replaces previous certificate number 0648-21, issue 0 dated (REASON: Test Data Updated)