

## Certificate Of Analysis

Certificate Number: **0026-25** Issue Number: **1** Issue Date: **24/04/2025 12:02:52 PM**  
Test Certificate for: **Flyash Blend 25**  
Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
Sample Identification: **Spot Despatch Sample F6P-001982 dated 28/01/2025**  
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                                       |                      |                     |          | <b>30.6 MPa</b>             |
| 7 Day                                       |                      | Minimum             | 35 MPa   | <b>43.7 MPa</b>             |
| 28 Day                                      |                      | Minimum             | 45 Mpa   | <b>62.3 MPa</b>             |
| <b>Setting Time</b>                         | AS2350.4             |                     |          |                             |
| Initial                                     |                      | Minimum             | 45 mins  | <b>135 mins</b>             |
| Final                                       |                      | Maximum             | 360 mins | <b>195 mins</b>             |
| <b>Soundness</b>                            | AS2350.5             | Maximum             | 5 mm     | <b>0 mm</b>                 |
| <b>Sulphuric anhydride (SO<sub>3</sub>)</b> | In House             | Maximum             | 3.5 %    | <b>2.1 %</b>                |
| <b>Chloride</b>                             | AS3583.13            | Maximum             | 0.1 %    | <b>0.018 %</b>              |
| REPORTABLE PROPERTY                         | TEST METHOD          |                     |          | RESULT                      |
| <b>Loss on ignition</b>                     | AS2350.2             |                     |          | <b>2.0 %</b>                |
| <b>Fineness</b>                             | AS2350.8             |                     |          | <b>435 m<sup>2</sup>/kg</b> |
| OTHER PROPERTIES                            | TEST METHOD          |                     |          | RESULT                      |
| <b>Normal Consistency</b>                   | AS2350.3             |                     |          | <b>31.2 %</b>               |

### 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 sample as tested conforms to the requirements of AS3972 as Type GB cement
- 3 The blended cement is produced with as nominal 25% fly ash content



NATA accredited  
Laboratory Number: 2191

Accredited for compliance with  
ISO/IEC 17025 Testing



George Santagiuliana  
Approved Signature

24/04/2025

**This certificate replaces previous certificate number 0026-25, issue 0 dated (REASON: Test Data Updated)**