

# Certificate Of Analysis

Certificate Number: **0398-24** Issue Number: **1** Issue Date: **21/10/2024 10:33:59 AM**  
 Test Certificate for: **Flyash Blend 25**  
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Identification: **Spot Despatch Sample F6P-001915 dated 20/09/2024**  
 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				26.4 MPa
7 Day		Minimum	35 MPa	36 MPa
28 Day		Minimum	45 Mpa	52.8 MPa
<b>Setting Time</b>	AS2350.4			
Initial		Minimum	45 mins	mins
Final		Maximum	360 mins	mins
<b>Soundness</b>	AS2350.5	Maximum	5 mm	mm
<b>Sulphuric anhydride (SO<sub>3</sub>)</b>	In House	Maximum	3.5 %	1.8 %
<b>Chloride</b>	AS3583.13	Maximum	0.1 %	0.012 %
REPORTABLE PROPERTY	TEST METHOD			RESULT
<b>Loss on ignition</b>	AS2350.2			1.7 %
<b>Fineness</b>	AS2350.8			430 m <sup>2</sup> /kg
OTHER PROPERTIES	TEST METHOD			RESULT
<b>Normal Consistency</b>	AS2350.3			%

**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

21/10/2024

***This certificate replaces previous certificate number 0398-24, issue 0 dated (REASON: Test Data Updated)***