

# Certificate Of Analysis

Certificate Number: **0319-23** Issue Number: **1** Issue Date: **28/09/2023 3:29:45 PM**  
 Test Certificate for: **Flyash Blend 25**  
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Identification: **Spot Despatch Sample F6P-001709 dated 14/08/2023**  
 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			25 MPa
7 Day		Minimum 35 MPa	35.7 MPa
28 Day		Minimum 45 Mpa	53.3 MPa
<b>Setting Time</b>	AS2350.4		
Initial		Minimum 45 mins	135 mins
Final		Maximum 360 mins	210 mins
<b>Soundness</b>	AS2350.5	Maximum 5 mm	0 mm
<b>Sulphuric anhydride (SO<sub>3</sub>)</b>	In House	Maximum 3.5 %	1.9 %
<b>Chloride</b>	AS3583.13	Maximum 0.1 %	0.008 %
REPORTABLE PROPERTY	TEST METHOD		RESULT
<b>Loss on ignition</b>	AS2350.2		2.2 %
<b>Fineness</b>	AS2350.8		430 m <sup>2</sup> /kg
OTHER PROPERTIES	TEST METHOD		RESULT
<b>Normal Consistency</b>	AS2350.3		29.7 %

**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  
 28/09/2023

***This certificate replaces previous certificate number 0319-23, issue 0 dated (REASON: Test Data Updated)***