

# Certificate Of Analysis

Certificate Number: **0241-22** Issue Number: **1** Issue Date: **24/08/2022 2:33:53 PM**  
 Test Certificate for: **Slag Blend 30**  
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
 Sample Identification: **Spot Despatch Sample O6P-000812 dated 6/06/2022**  
 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>27.8 MPa</b>
7 Day		Minimum	20 MPa	<b>41.1 MPa</b>
28 Day		Minimum	35 Mpa	<b>58.7 MPa</b>
<b>Setting Time</b>	AS2350.4			
Initial		Minimum	45 mins	<b>135 mins</b>
Final		Maximum	600 mins	<b>180 mins</b>
<b>Soundness</b>	AS2350.5	Maximum	5 mm	<b>3 mm</b>
<b>Sulphuric anhydride (SO<sub>3</sub>)</b>	In House	Maximum	3.5 %	<b>2.5 %</b>
<b>Chloride</b>	AS3583.13	Maximum	0.1 %	<b>0.002 %</b>
REPORTABLE PROPERTY	TEST METHOD			RESULT
<b>Loss on ignition</b>	AS2350.2			<b>2.7 %</b>
<b>Fineness</b>	AS2350.8			<b>420 m<sup>2</sup>/kg</b>
OTHER PROPERTIES	TEST METHOD			RESULT
<b>Normal Consistency</b>	AS2350.3			<b>28.4 %</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 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  
 24/08/2022

***This certificate replaces previous certificate number 0241-22, issue 0 dated (REASON: Test Data Updated)***