

Certificate Of Analysis

Certificate Number: **0312-22** Issue Number: **1** Issue Date: **24/08/2022 2:35:52 PM**
 Test Certificate for: **Slag Blend 30**
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Sample Identification: **Spot Despatch Sample O6P-000819 dated 25/07/2022**
 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				24.9 MPa
7 Day		Minimum	20 MPa	38 MPa
28 Day		Minimum	35 Mpa	55.6 MPa
Setting Time	AS2350.4			
Initial		Minimum	45 mins	105 mins
Final		Maximum	600 mins	195 mins
Soundness	AS2350.5	Maximum	5 mm	mm
Sulphuric anhydride (SO₃)	In House	Maximum	3.5 %	2.8 %
Chloride	AS3583.13	Maximum	0.1 %	0.004 %
REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			2.9 %
Fineness	AS2350.8			395 m²/kg
OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	AS2350.3			29.3 %

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 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 0312-22, issue 0 dated (REASON: Test Data Updated)