

Certificate Of Analysis

Certificate Number: **0128-24** Issue Number: **1** Issue Date: **9/04/2024 9:32:03 AM**
 Test Certificate for: **Flyash Blend 25**
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Sample Identification: **Spot Despatch Sample F6P-001776 dated 18/03/2024**
 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			27 MPa
7 Day		Minimum 35 MPa	39.1 MPa
28 Day		Minimum 45 Mpa	MPa
Setting Time	AS2350.4		
Initial		Minimum 45 mins	135 mins
Final		Maximum 360 mins	195 mins
Soundness	AS2350.5	Maximum 5 mm	2 mm
Sulphuric anhydride (SO₃)	In House	Maximum 3.5 %	1.7 %
Chloride	AS3583.13	Maximum 0.1 %	0.012 %
REPORTABLE PROPERTY	TEST METHOD		RESULT
Loss on ignition	AS2350.2		1.6 %
Fineness	AS2350.8		435 m ² /kg
OTHER PROPERTIES	TEST METHOD		RESULT
Normal Consistency	AS2350.3		29.8 %

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
 09/04/2024

This certificate replaces previous certificate number 0128-24, issue 0 dated (REASON: Test Data Updated)