

Certificate Of Analysis

Certificate Number: **0644-21** Issue Number: **1** Issue Date: **21/12/2021 1:15:41 PM**
 Test Certificate for: **Flyash Blend 25**
 Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
 Sample Identification: **Spot Despatch Sample F6P-001529 dated 8/11/2021**
 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			28.4 MPa
7 Day		Minimum 35 MPa	39.3 MPa
28 Day		Minimum 45 Mpa	54 MPa
Setting Time	AS2350.4		
Initial		Minimum 45 mins	90 mins
Final		Maximum 360 mins	165 mins
Soundness	AS2350.5	Maximum 5 mm	3 mm
Sulphuric anhydride (SO₃)	In House	Maximum 3.5 %	2.5 %
Chloride	AS3583.13	Maximum 0.1 %	0.005 %
REPORTABLE PROPERTY	TEST METHOD		RESULT
Loss on ignition	AS2350.2		2.1 %
Fineness	AS2350.8		410 m²/kg
OTHER PROPERTIES	TEST METHOD		RESULT
Normal Consistency	AS2350.3		29.5 %

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



Stephen Knight
 Approved Signature
 21/12/2021

This certificate replaces previous certificate number 0644-21, issue 0 dated (REASON: Test Data Updated)