

Certificate Of Analysis

Certificate Number: **0033-24** Issue Number: **1** Issue Date: **9/04/2024 9:39:59 AM**
Test Certificate for: **GP Cement**
Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
Sample Identification: **Spot Despatch Sample A6P-003207 dated 22/01/2024**
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				33.6 MPa
7 Day		Minimum	35 MPa	46.1 MPa
28 Day		Minimum	45 Mpa	60.4 MPa
Setting Time	AS2350.4			
Initial		Minimum	45 mins	90 mins
Final		Maximum	360 mins	150 mins
Soundness	AS2350.5	Maximum	5 mm	1 mm
Sulphuric anhydride (SO₃)	In House	Maximum	3.5 %	2.9 %
Chloride	AS3583.13	Maximum	0.1 %	0.014 %
REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			3.8 %
Fineness	AS2350.8			370 m²/kg
Total Alkali	AS2350.2			0.5 %
OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	AS2350.3			28.0 %

Sampling Procedure:

Samples were prepared in accordance with AS2350.1

Remarks:

- 1 These results only relate to the specimens identified on this report
- 2 Total Alkali determined at Australian Laboratory Services by ICP-AES using ME-ICP 91, Corporate Accreditation No. 825, Corporate Site No. 818



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 0033-24, issue 0 dated (REASON: Test Data Updated)