

Certificate Of Analysis

Certificate Number: **0128-25** Issue Number: **1** Issue Date: **7/04/2025 4:04:01 PM**
Test Certificate for: **GP Cement**
Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**
Sample Identification: **Spot Despatch Sample A6P-003392 dated 19/02/2025**
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				36.7 MPa
7 Day		Minimum	35 MPa	53.2 MPa
28 Day		Minimum	45 Mpa	70.6 MPa
Setting Time	AS2350.4			
Initial		Minimum	45 mins	120 mins
Final		Maximum	360 mins	195 mins
Soundness	AS2350.5	Maximum	5 mm	2 mm
Sulphuric anhydride (SO₃)	In House	Maximum	3.5 %	2.8 %
Chloride	AS3583.13	Maximum	0.1 %	0.018 %
REPORTABLE PROPERTY	TEST METHOD			RESULT
Loss on ignition	AS2350.2			3.1 %
Fineness	AS2350.8			340 m²/kg
Total Alkali	AS2350.2			0.5 %
OTHER PROPERTIES	TEST METHOD			RESULT
Normal Consistency	AS2350.3			28.1 %

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



Stephen Knight
Approved Signature
07/04/2025

This certificate replaces previous certificate number 0128-25, issue 0 dated (REASON: Test Data Updated)