

## Certificate Of Analysis

Certificate Number: **0049-25** Issue Number: **1** Issue Date: **7/04/2025 4:05:31 PM**  
Test Certificate for: **GP Cement**  
Sample Tested at: **Sunstate Cement Ltd., Port of Brisbane, Australia**  
Sample Identification: **Spot Despatch Sample A6P-003391 dated 17/02/2025**  
Sample Produced at: **Sunstate Cement Ltd., Port of Brisbane, Australia**

SPECIFIC PROPERTY	TEST METHOD	AS3972 REQUIREMENTS		RESULT
<b>Compressive strength</b>	AS2350.11, AS2350.12			
3 Day				<b>40.7 MPa</b>
7 Day		Minimum	35 MPa	<b>52.2 MPa</b>
28 Day		Minimum	45 Mpa	<b>70 MPa</b>
<b>Setting Time</b>	AS2350.4			
Initial		Minimum	45 mins	<b>105 mins</b>
Final		Maximum	360 mins	<b>180 mins</b>
<b>Soundness</b>	AS2350.5	Maximum	5 mm	<b>2 mm</b>
<b>Sulphuric anhydride (SO<sub>3</sub>)</b>	In House	Maximum	3.5 %	<b>2.8 %</b>
<b>Chloride</b>	AS3583.13	Maximum	0.1 %	<b>0.018 %</b>
REPORTABLE PROPERTY	TEST METHOD			RESULT
<b>Loss on ignition</b>	AS2350.2			<b>3.3 %</b>
<b>Fineness</b>	AS2350.8			<b>345 m<sup>2</sup>/kg</b>
<b>Total Alkali</b>	AS2350.2			<b>0.5 %</b>
OTHER PROPERTIES	TEST METHOD			RESULT
<b>Normal Consistency</b>	AS2350.3			<b>27.8 %</b>

### 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 0049-25, issue 0 dated (REASON: Test Data Updated)**