

Test Certificate

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>95 %

<5 %

Final

Nominal Blend		Requirements	Result
	Sample Date:	4/11/2019	
	Sample Code:	B072177	
	Despatched From:	Cockburn Cement, Kwinana Plant, WA	
	Test Certificate Number:	190568	
	Product Certified:	Ground Granulated Blast Furnace Slag	burncement.com.c
ABN 50 006 673 470			F: +01 8 9411 113

Ground Granulated Iron Blast-Furnace Slag

Calcium Sulphate

Requirements of Test Method Reportable Property Result AS3582.2 Alumina (Al₂O₃) Max 18.0 % 12.8 % AS2350.2 Total Iron (FeO) AS2350.2 N/R 1.6 % Magnesia (MgO) AS2350.2 Max 15.0 % 6.4 % Total Alkali (Na₂O Equivalent) AS2350.2 N/R 0.5 % Manganese (MnO) ASTM C114 N/R 0.2 % Sulfate (as SO₃) content AS3583.8 N/R 1.7 % Sulfide Sulfur (S) AS3583.7 Max 1.5 % 0.7 % Chloride Ion Content AS3583.13 Max 0.1 % 0.006 % Loss on Ignition AS3583.3 N/R -0.6 % **Insoluble Residue** AS3583.14 N/R 0.5 % 45 µm Residue AS3583.1 N/R 98 % passing **Relative Density** AS3583.5 N/R 2.87 **Relative Water Requirement** AS3583.6 N/R 101 % Strength Index AS3583.6 N/R 88 % **Other Properties** SiO₂ AS2350.2 N/R 33.6 % CaO AS2350.2 N/R 41.9 % **Fineness Index** AS2350.8 N/R 430 m²/kg

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REMARKS

These test results apply specifically to the above designated sample as received at the Adelaide Brighton Cement Birkenhead Laboratory (Accredited number: 252), 62 Elder Rd Birkenhead SA 5015.

For Relative Water and Strength Index testing the reference control used is Birkenhead GP code B0726ac.

This despatch grab sample complies to the requirements of AS3582.2:2016, Ground Granulated Blast Furnace Slag. N/R = No Requirement



Accredited for compliance with ISO/IEC 17025 - Testing. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

Marchiffe

Approved Signatory M. Wythe

Issue Date:

24/12/2019