

Ground Granulated Blast Furnace Slag Test Certificate

AS/NZS 3582.2 - 2016

			MnO	LOI	S	Insoluble Residue	MgO	Al ₂ O ₃	FeO	NaEq	SO ₃	Cl	45µm	Relative Density	Relative Water	Strength Index*
Date	Shipment	Depot	%	%	%	%	%	%	%	%	%	%	%		%	%
30/06/2025	5	McAlpine		1.00	0.4	0.5	7.0	14.1	0.6	0.63	0.1	0.019	95	2.87	98	
03/06/2025	4	McAlpine	0.7	0.40	0.4	0.6	7.4	12.9	0.7	0.83	0.1	0.025	98	2.84	98	96
02/05/2025	4	McAlpine	0.6	0.40	0.3	0.7	7.2	13.1	0.7	0.80	0.3	0.028	98	2.99	98	93
03/04/2025	6	McAlpine	0.4	0.80	0.6	0.5	7.0	13.9	0.6	0.55	<0.5	0.011	94	2.85	104	109
11/03/2025	4	McAlpine	0.7	0.15	0.6	0.6	6.5	13.8	0.7	0.66	<0.5	0.014	98	2.82	101	103
14/02/2025	4	McAlpine	0.6	0.14	0.6	1.0	6.5	13.9	0.7	0.68	<0.5	0.012	98	2.85	103	105
21/01/2025	5	McAlpine	0.6	0.98	0.6	0.4	6.9	14.0	0.5	0.59	<0.5	0.006	95	2.89	103	103
01/12/2024	4	McAlpine	0.6	0.20	0.6	0.3	6.7	13.9	0.5	0.63	<0.5	0.024	99	2.83	101	97
01/11/2024	4	McAlpine	0.6	0.43	0.7	0.8	6.7	13.9	0.6	0.65	<0.5	0.021	99	2.89	101	105
03/10/2024	4	McAlpine	0.6	0.20	0.6	1.0	6.6	13.9	0.7	0.65	<0.5	0.014	98	2.90	102	101
02/09/2024	4	McAlpine	0.6	-0.20	0.6	1.2	6.5	13.9	0.7	0.63	<0.5	0.007	98	2.90	102	105
Mean			0.6	0.4	0.5	0.7	6.8	13.8	0.6	0.7	0.4	0.016	97.3	2.9	101.0	101.7
Std Dev			0.1	0.4	0.1	0.3	0.3	0.4	0.1	0.1	0.2	0.007	1.7	0.0	2.1	4.9
AS/NZS3582.2:2016 Specifications			maximum				maximum	maximum	maximum							
Specifications			1.5				15	18	0.1							
Samples taken in accordance with AS2350.1 and are tested in accordance with AS/NZS3582.2:2016.																
All testing performed by an IANZ / NATA approved Laboratory.																
* Samples tested for 28D relative strength from 2/5/2025 onwards. Samples prior to 2/5/25 tested for 7D accelerated strength																
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New Zealand Independent Cement
25 Esk Street, Level 6, Invercargill, New Zealand

Name: Steven Franc
Position: National Manager, Cement Technical & Sustainability



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