

Type GP (General Purpose Portland Cement) NZS 3122:2009

Date	Shipment #	Depot	LOI %	Fineness m ² /kg	Water %	I-Set min	F-Set h:mm	Sound mm	NaEq %	SO ₃ %	45µm %	I-3D MPa	I-7D MPa	I-28D MPa
31/10/2025	7	McAlpine	2.62	390	30.3	120	3:15	1	0.44	2.5	2.6	38.4	52.4	65.7
31/10/2025	7	Clifton	2.52	375	30.4	120	3:00	1	0.45	2.6	2.8	40.8	54.6	
30/09/2025	6	Clifton	2.58	395	30.7	120	3:45	2	0.47	2.6	2.0	40.4	51.7	70.5
30/09/2025	7	McAlpine	2.43	385	29.7	90	3:00	0	0.44	2.5	2.5	39.6	49.7	
29/08/2025	6	Clifton	2.48	380	30.5	105	3:15	2	0.44	2.7	2.7	39.3	52.1	69.4
29/08/2025	7	McAlpine	2.39	375	30.8	120	3:45	1	0.43	2.6	2.6	38.1	50.9	67.5
31/07/2025	6	Clifton	2.40	395	32.0	135	3:45	1	0.48	2.3	2.5	43.7	60.0	71.5
28/07/2025	7	McAlpine	2.38	385	30.8	120	3:30	1	0.42	2.6	2.6	37.6	54.0	69.2
30/06/2025	5	Clifton	2.61	390	30.9	120	4:00	1	0.50	2.7	2.6	40.9	55.2	67.1
30/06/2025	6	McAlpine	2.43	395	31.3	135	4:00	2	0.51	2.6	2.9	39.9	55.9	70.4
05/06/2025	5	Clifton	2.36	395	31.0	135	3:30	1	0.49	2.6	2.6	42.8	55.6	70.7
03/06/2025	6	McAlpine	2.51	395	31.0	135	3:30	1	0.52	2.6	2.7	39.6	53.9	67.2
02/05/2025	5	Clifton	2.45	420	31.7	150	3:30	1	0.48	2.8	3.2	40.6	52.3	63.3
02/05/2025	6	McAlpine	2.40	390	30.5	120	3:45	1	0.51	2.7	2.0	38.7	53.5	66.3
01/04/2025	5	Clifton	2.48	420	30.8	105	3:00	2	0.48	3.1	2.3	41.6	56.4	71.5
01/04/2025	6	McAlpine	2.46	380	30.0	135	3:30	2	0.49	2.7	2.5	39.0	56.5	76.0
01/04/2025	5	McAlpine	2.24	390	30.7	135	3:30	2	0.53	2.8	3.0	39.6	52.3	71.8
11/03/2025	5	McAlpine	2.23	395	31.7	150	4:00	2	0.43	3.2	3.1	39.5	52.0	67.0
10/03/2025	4	Clifton	2.51	410	31.2	105	3:45	0	0.46	2.9	2.5	38.9	51.1	62.6
12/02/2025	5	McAlpine	2.30	400	30.3	150	3:45	1	0.41	2.7	3.3	41.6	55.0	69.5
Mean			2.4	393	30.8	125	3:33	1.3	0.47	2.7	2.7	40.0	53.8	68.7
Std Dev			0.1	13	0.6	16.3	0:19	0.6	0.0	0.2	0.3	1.6	2.4	3.3
NZS 3122:2009						minimum	maximum	maximum	maximum	maximum			minimum	minimum
Type GP						45	6:00	5	0.64	3.5			35	45
Samples taken in accordance with AS2350.1:2006 and tested in accordance with NZS3122:2009 & AS2350:2006.														
All testing performed by an IANZ / NATA approved Laboratory.														
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New Zealand Independent Cement
25 Esk Street, Level 6, Invercargill, New Zealand

Name: Steven Franc
Position: National Technical & Sustainability Manager



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