

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
01/04/2025	6	McAlpine							0.49	2.7				
01/04/2025	5	McAlpine							0.53	2.8				
11/03/2025	5	McAlpine	2.23	395	31.7	150	4:00	2	0.43	3.2	3.1	39.5	52.0	
10/03/2025	4	Clifton	2.51	410	31.2	105	3:45	0	0.46	2.9	2.5	38.9	51.1	
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
24/01/2025	5	McAlpine	2.17	410	30.2	105	3:00	1	0.47	2.9	2.5	40.4	52.2	64.7
14/12/2024	5	McAlpine	2.24	385	29.5	135	3:30	2	0.49	2.8	3.4	39.0	52.3	69.3
01/12/2024	4	McAlpine	1.92	375	29.2	120	3:45	0	0.48	2.9	2.6	35.7	49.4	63.9
01/12/2024	4	Clifton	2.05	365	29.7	165	4:00	1	0.48	2.9	2.6	38.0	50.5	64.6
05/11/2024	4	McAlpine	2.07	370	29.7	135	3:45	2	0.49	3.0	2.4	37.2	49.7	62.0
01/11/2024	4	Clifton	2.36	360	30.5	135	4:45	2	0.50	2.9	2.5	39.9	50.2	64.0
01/10/2024	4	Clifton	2.36	360	30.3	165	4:45	1	0.51	2.8	2.2	36.8	49.6	63.5
01/10/2024	4	McAlpine	1.79	370	29.7	150	4:00	1	0.48	3.0	2.9	39.0	51.4	68.4
03/09/2024	2	Clifton	1.96	395	30.2	120	3:30	0	0.49	2.4	1.7	40.4	57.3	64.9
02/09/2024	4	McAlpine	1.91	365	30.6	135	4:00	1	0.50	3.0	1.4	36.4	51.8	62.3
31/07/2024	2	Clifton	2.24	390	30.3	120	3:30	1	0.53	2.3	2.6	43.0	60.6	72.5
23/07/2024	3	McAlpine	2.85	415	31.5	165	4:00	1	0.50	3.1	1.6	43.6	58.4	71.5
01/07/2024	2	Clifton	2.18	400	31.7	120	3:15	1	0.45	2.7	1.7	39.2	53.1	68.1
10/06/2024	2	Clifton	2.25	395	31.8	135	3:45	1	0.46	2.7	2.4	45.1	55.8	71.0
02/05/2024	2	Clifton	2.30	390	31.0	75	3:15	1	0.55	2.4	1.9	41.8	57.1	69.0
Mean			2.2	386	30.5	133	3:47	1.1	0.48	2.8	2.4	39.3	52.8	66.4
Std Dev			0.2	18	0.8	23.7	0:27	0.6	0.0	0.2	0.6	2.2	3.3	3.4
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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