

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	
14/12/2024	5	McAlpine	2.24	385	29.5	135	3:30	2			3.4	39.0	52.3		
01/12/2024	4	McAlpine	1.92	375	29.2	120	3:45	0			2.6	35.7	49.4	63.9	
01/12/2024	4	Clifton	2.05	365	29.7	165	4:00	1			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	
17/04/2024	2	Clifton	2.16	425	33.3	135	3:30	0	0.45	2.5	2.2	38.5	54.2	67.1	
11/03/2024	1	Clifton	3.49	400	30.8	135	4:00	0	0.49	2.4	2.2	41.0	49.7	58.1	
23/02/2024	2	Clifton	2.18	405	31.7	120	3:30	1	0.51	2.4	3.1	39.8	46.3	55.1	
17/02/2024	1	Clifton	3.77	440	31.7	135	3:45	1	0.60	2.4	2.9	44.8	58.6	65.4	
08/11/2023	1	Clifton	2.80	405	30.8	120	3:15	2	0.51	2.5	3.4	46.7	55.7	65.8	
16/10/2023	1	Clifton	3.40	380	31.2	150	3:30	0	0.40	2.6	4.7	38.3	48.6	60.0	
Mean			2.4	390	30.8	134	3:45	1.0	0.50	2.7	2.5	40.0	53.1	65.4	
Std Dev			0.6	22	1.0	20.6	0:25	0.7	0.0	0.3	0.8	2.8	4.0	4.6	
NZS 3122:2009						minimum	maximum	maximum	maximum	maximum			minimum	minimum	
Type GP						45	6:00	5	0.64	3.5			35	45	

Samples are tested as received and are tested in accordance with NZS3122:2009 & AS2350:2006.

All testing performed by an IANZ / NATA approved Laboratory.

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