



CERTIFICATE OF QUALITY

EverSure™ Type GP Cement

NZS3122:2009 (Bulk Despatch)



Issued to: National Sales Manager

Test Report No: 22#57

info@goldenbay.co.nz

Code	Week Ending / Voyage	Specific Surface Area	Normal Consistency	Initial Set	Final Set	Soundness	Compressive Strength								Free Lime	Sodium Equivalent (NaEq)	Sulphur Trioxide (SO3)
							ISOCEN			Concrete							
							3 days	7 days	28 days	Slump	3 days	7 days	28 days	3 days			
Mean		338	29.1	147	3:53	1	30.6	42.7	63.6	95	22.5	32.3	44.9	2.0	0.56	2.2	
Standard Deviation		12	0.3	10	0:18	0	1.1	1.6	0.9	11	1.7	1.7	1.4	0.3	0.01	0.03	
Min		320	28.6	135	3:30	0	28.7	39.6	62.4	70	20.2	29.2	42.5	1.6	0.54	2.2	
Max		365	29.5	165	4:30	2	33.1	46.3	64.9	110	25.6	35.4	47.4	2.8	0.58	2.3	
NZS 3122:2009 Requirements				45 min	6:00 max	5 max		35.0 min	45.0 min						0.6 max	3.5 max	
Units		m2/kg	%	minutes	hrs:mins	mm	MPa	MPa	MPa	mm	MPa	MPa	MPa	%	%	%	
220606-259-GP	06/06/22	335	29.3	150	4:15	1	29.4							2.0	0.58	2.3	
220604-257-GP	04/06/22	335	29.3	150	4:00	1	28.8			100	22.6			1.8	0.55	2.2	
220602-135-GP	02/06/22	320	29.4	150	3:45	2	30.1	43.6						2.2	0.56	2.2	
220530-907-GP	30/05/22	330	29.4	150	3:45	1	32.2	46.3		100	24.1	33.0		2.1	0.57	2.2	
220527-492-GP	27/05/22	320	29.4	150	4:15	1	31.4	44.1						2.3	0.57	2.2	
220522-489-GP	22/05/22	325	29.4	135	4:00	2	31.8	43.8		110	20.9	32.3		2.0	0.58	2.2	
220520-114-GP	20/05/22	345	29.5	150	4:15	1	31.6	44.8						2.0	0.57	2.2	
220518-112-GP	18/05/22	340	29.5	150	4:15	2	30.5	43.4		80	24.0	34.0		2.2	0.56	2.2	
220512-768-GP	12/05/22	340	29.1	135	3:30	2	30.9	41.9	64.6	70	23.3	35.4	47.4	1.9	0.54	2.2	
220509-771-GP	09/05/22	340	29.0	150	3:45	1	29.1	41.5	64.1					1.7	0.57	2.3	
220503-431-GP	03/05/22	345	29.1	135	3:30	1	30.5	42.0	63.6	100	22.9	32.5	45.6	2.3	0.56	2.3	
220501-433-GP	01/05/22	340	28.6	135	3:45	1	29.7	39.6	62.7					2.8	0.56	2.3	
220428-081-GP	28/04/22	355	28.7	135	3:45	2	30.7	42.6	64.6					2.2	0.58	2.3	
220425-079-GP	25/04/22	350	28.6	135	3:45	1	30.0	41.4	62.7	90	23.5	32.2	46.1	2.3	0.57	2.2	
220420-977-GP	20/04/22	365	28.8	165	4:15	1	31.1	43.1	63.0					2.0	0.56	2.2	
220416-828-GP	16/04/22	360	28.8	165	4:00	1	30.6	42.2	62.4	100	20.2	30.3	42.5	1.9	0.56	2.2	
220415-398-GP	15/04/22	340	29.1	150	4:30	0	32.0	44.5	62.6					2.2	0.55	2.2	
220410-396-GP	10/04/22	330	29.1	165	4:30	0	29.8	39.7	63.5	100		29.2	43.6	1.9	0.56	2.2	
220406-210-GP	06/04/22	320	29.2	135	3:30	2	31.0	43.8	63.1					1.8	0.55	2.2	
220404-208-GP	04/04/22	320	29.0	150	3:45	1	28.7	40.8	63.0	100	22.0	31.6	43.9	1.6	0.55	2.2	
220330-027-GP	30/03/22	340	29.3	135	3:45	1	33.1	43.9	63.6	100	20.4	32.1	45.5	2.1	0.56	2.2	
220328-025-GP	28/03/22	340	29.3	150	3:45	1	30.3	40.7	63.1					2.2	0.56	2.2	
220326-790-GP	26/03/22	345	29.0	150	3:30	1	30.3	42.6	64.8	100	21.2	30.9	44.6	1.8	0.57	2.3	
220323-788-GP	23/03/22	335	29.0	150	3:30	2	31.9	43.0	64.8					2.1	0.56	2.2	
220317-660-GP	17/03/22	335	28.9	150	3:45	2	30.4	43.6	64.9	90	25.6	33.8	44.8	1.9	0.56	2.2	

The above samples were tested as received in accordance with the current terms of accreditation and methods stated in NZS 3122:2009 with the exception of:

- Chemical composition to ASTM C114-18
 - Concrete Compressive Strength test results outside the scope of accreditation
- # No result available at time of certificate issue

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Raki Harding
Quality Manager

Date issued: 17/06/2022



Portland Works, Portland, Whangarei 0178

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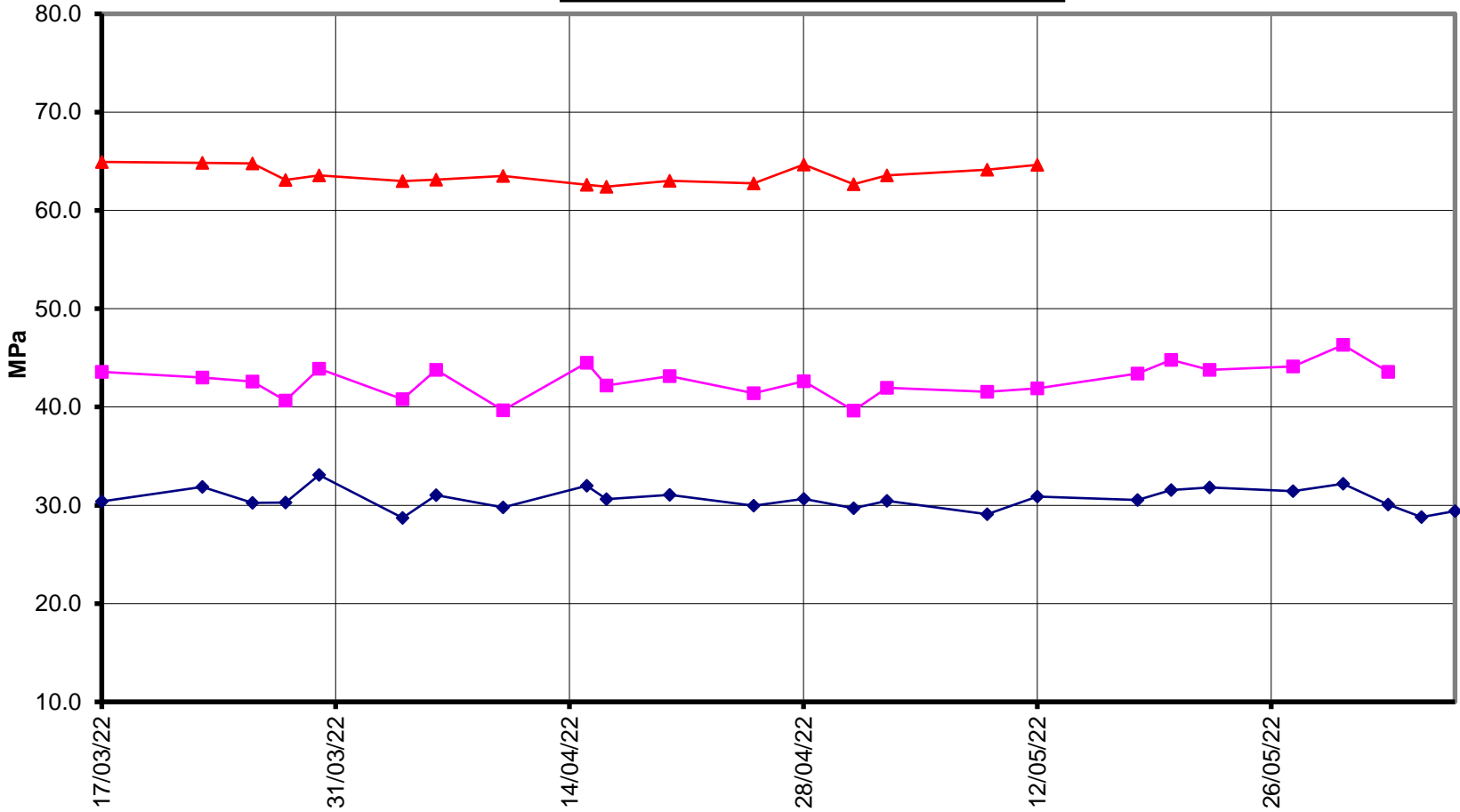


EverSure™ Type GP Cement



Compressive Strength ISO-CEN Mortar (Bulk Dispatch)

—▲— 28 Days —■— 7 Days —◆— 3 Days





EverSure™ Type GP Cement



Compressive Strength Concrete (Bulk Dispatch)

—x— 28 Days —■— 7 Days —◆— 3 Days —x— Slump

