



CERTIFICATE OF QUALITY

EverSure™ Type GP Cement

NZS3122:2009 (Bulk Despatch)



Our
NZ made
cement is
genuine
NZ grade
cement.

Issued to: National Sales Manager

Test Report No: 21#144

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			
Mean		343	29.4	126	3:22	1	31.0	43.3	65.0	95	23.6	32.6	45.2	2.2	0.55	2.3
Standard Deviation		10	0.2	10	0:11	0	0.8	0.8	0.8	5	1.9	2.3	1.4	0.3	0.01	0.07
Min		320	29.0	105	3:00	0	29.8	42.0	64.1	90	21.5	29.0	43.4	1.8	0.53	2.2
Max		360	29.7	135	3:45	2	32.5	44.5	66.8	100	27.1	36.1	47.8	3.0	0.57	2.4
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	%	%	%
210701-292-GP	01/07/21	335	29.2	120	3:30	1	31.2			90	23.5			2.3	0.57	2.3
210628-294-GP	28/06/21	330	29.3	120	3:15	1	30.5							2.4	0.57	2.2
210623-681-GP	23/06/21	325	29.4	135	3:45	1	31.8	42.2		90	21.5	30.8		2.3	0.53	2.2
210620-683-GP	20/06/21	330	29.4	135	3:30	1	31.6	42.1						2.7	0.54	2.2
210617-377-GP	17/06/21	360	29.5	120	3:15	2	29.8	42.0						3.0	0.54	2.3
210614-374-GP	14/06/21	355	29.4	120	3:30	2	30.3	43.4		100	22.9	29.5		2.6	0.54	2.2
210612-062-GP	12/06/21	345	29.3	135	3:30	1	31.3	43.4						2.2	0.55	2.3
210609-060-GP	09/06/21	350	29.4	135	3:30	2	31.3	44.1		100	25.2	33.7		2.2	0.54	2.2
210601-655-GP	01/06/21	340	29.3	135	3:15	2	30.3	44.5	66.8	90	23.6	33.6	45.3	2.0	0.55	2.2
210530-657-GP	30/05/21	350	29.3	135	3:30	2	30.3	44.3	64.7					2.1	0.54	2.2
210528-291-GP	28/05/21	345	29.4	105	3:00	1	31.6	43.7	64.1					2.3	0.56	2.4
210524-289-GP	24/05/21	335	29.3	120	3:15	2	31.5	43.6	66.3	90	23.6	33.9	47.8	2.3	0.55	2.4
210521-984-GP	21/05/21	340	29.3	135	3:30	1	31.1	42.6	65.2					2.2	*0.51	*2.5
210518-982-GP	18/05/21	350	29.5	135	3:45	1	30.8	42.6	65.8	100	22.4	30.9	44.3	2.5	*0.49	*2.5
210513-647-GP	13/05/21	345	29.5	135	3:30	0	30.1	43.1	64.7					2.2	*0.50	*2.5
210510-645-GP	10/05/21	345	29.6	120	3:15	2	30.3	42.3	64.7	100	22.1	33.3	46.2	2.5	*0.51	*2.5
210506-320-GP	06/05/21	320	29.7	120	3:15	2	30.5	43.3	64.2					2.4	*0.51	*2.4
210502-318-GP	02/05/21	330	29.7	120	3:30	1	30.8	43.5	64.2	100	22.5	29.0	43.4	2.0	*0.52	*2.5
210427-023-GP	27/04/21	340	29.4	120	3:15	2	31.0	43.8	65.5					1.9	*0.47	*2.5
210424-021-GP	24/04/21	350	29.5	135	3:30	1	30.5	43.1	64.6	100	22.1	32.8	43.8	2.4	*0.52	*2.5
210420-700-GP	20/04/21	355	29.5	135	3:15	1	32.5	42.5	65.5	90	27.1	36.1	45.4	1.9	*0.53	*2.5
210418-702-GP	18/04/21	355	29.5	105	3:00	2	32.3	43.3	65.1					2.1	*0.49	*2.5
210416-333-GP	16/04/21	345	29.2	120	3:15	0	30.6	44.0	65.0	90	27.1	35.0	45.4	1.9	*0.53	*2.4
210413-335-GP	13/04/21	345	29.0	120	3:15	1	32.0	43.8	64.9					1.8	*0.52	*2.4
210409-977-GP	09/04/21	345	29.1	135	3:15	1	32.1	44.5	64.2					1.9	*0.51	*2.3

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

Sample retested
No result available at time of certificate issue
* Tested by SpectraChem Analytical - Verum Group

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Vincent Lane

Vincent Lane
Works Chemist

Date issued: 9/07/2021



Portland Works, Portland, Whangarei 0178

Page 1 of 3

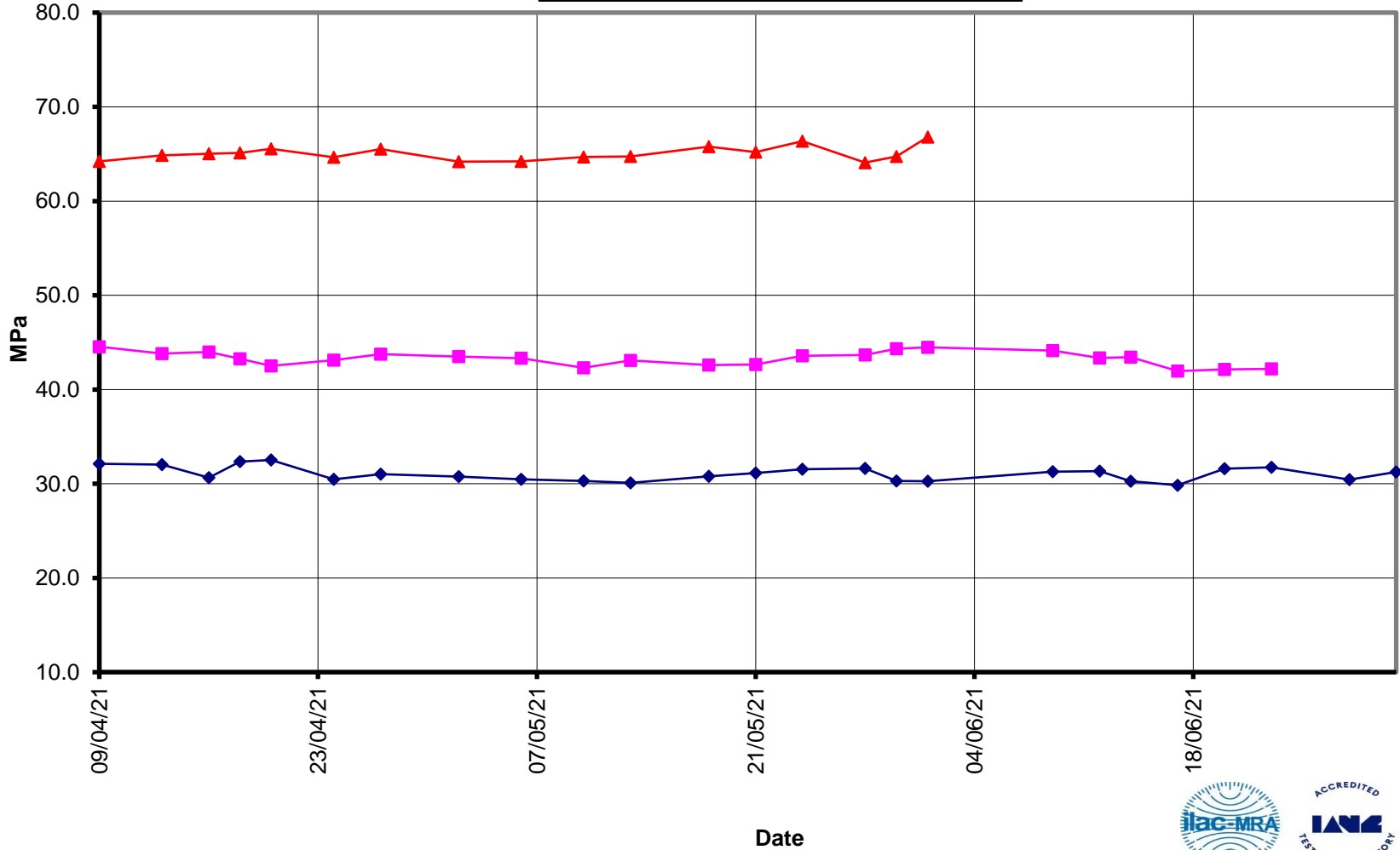


EverSure™ Type GP Cement



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

