



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#125

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		345	29.3	127	3:19	1	31.2	43.7	64.9	95	24.1	33.5	45.0	2.2	0.55	2.3
Standard Deviation		9	0.2	10	0:11	0	0.9	0.8	0.6	6	1.8	2.0	1.2	0.3	0.01	0.07
Min		320	28.8	105	3:00	0	29.8	42.3	63.9	85	22.1	29.0	43.4	1.6	0.54	2.2
Max		360	29.7	135	3:45	2	32.5	45.4	66.0	100	27.1	36.1	47.1	3.0	0.56	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	%	%	%
210617-377-GP	17/06/21	360	29.5	120	3:15	2	29.8							3.0	0.54	2.3
210614-374-GP	14/06/21	355	29.4	120	3:30	2	30.3			100	22.9			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		90	23.6	33.6		2.0	0.55	2.2
210530-657-GP	30/05/21	350	29.3	135	3:30	2	30.3	44.3						2.1	0.54	2.2
210528-291-GP	28/05/21	345	29.4	105	3:00	1	31.6	43.7						2.3	0.56	2.4
210524-289-GP	24/05/21	335	29.3	120	3:15	2	31.5	43.6		90	23.6	33.9		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
210406-970-GP	06/04/21	355	28.9	135	3:15	2	32.5	45.1	65.0	85	25.5	35.2	44.6	1.6	*0.50	*2.4
210403-622-GP	03/04/21	335	28.9	135	3:15	1	32.3	45.4	65.4	90	24.6	35.1	47.1	2.0	0.56	2.2
210330-620-GP	30/03/21	350	28.8	120	3:00	1	32.4	45.0	63.9					2.0	0.55	2.2
210327-181-GP	27/03/21	345	28.9	135	3:30	1	31.1	42.9	66.0					1.9	0.54	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

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

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Raki Harding
Technical Manager

Date issued: 25/06/2021



Portland Works, Portland, Whangarei 0178

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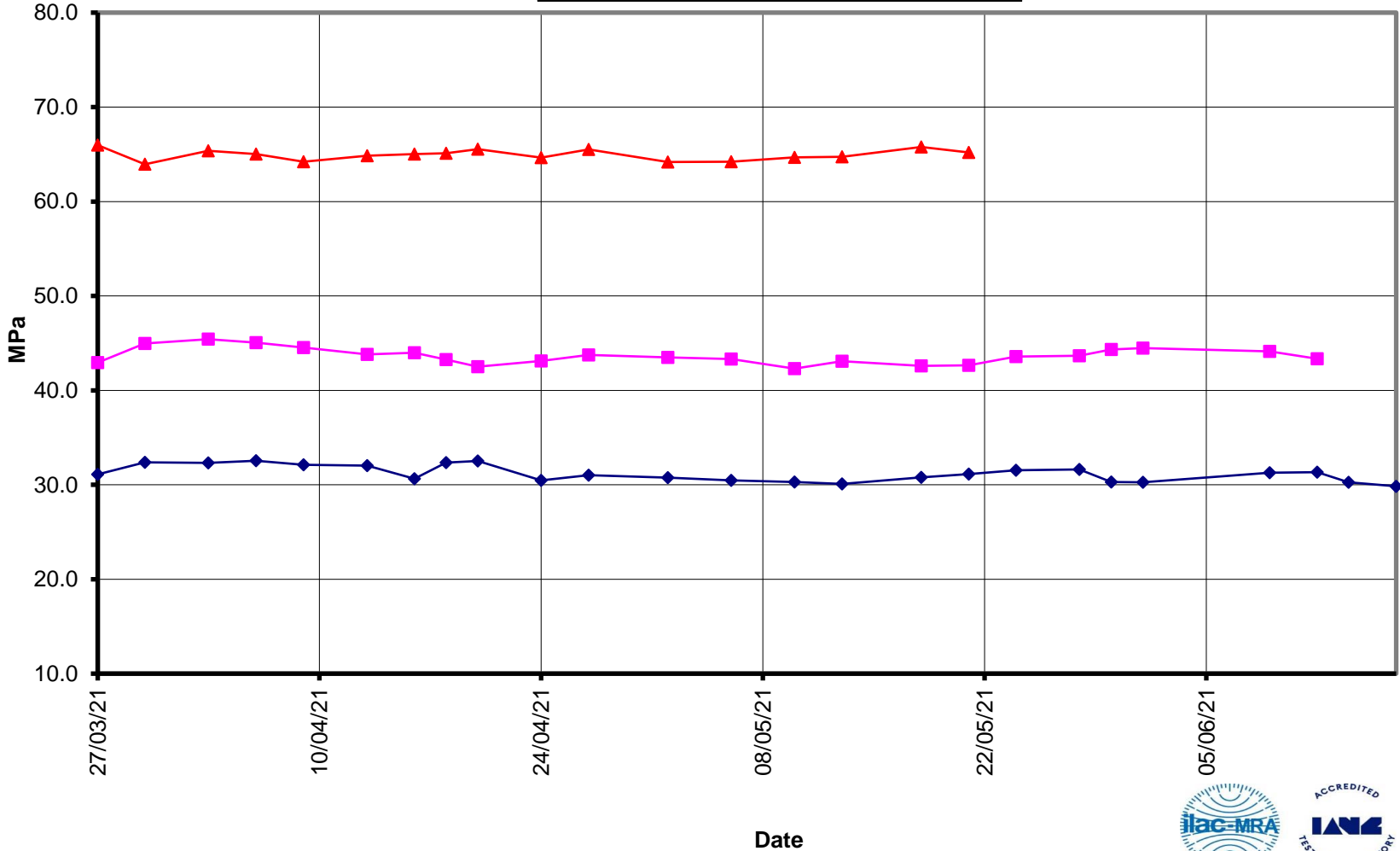


**EverSure™
Type GP Cement**



**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

