



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#14

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		340	29.1	127	3:31	1	32.4	45.9	65.4	88.5	26.8	35.3	46.6	1.9	0.56	2.2
Standard Deviation		11	0.2	8	0:06	0.4	0.7	0.9	1.0	3.2	1.3	1.6	1.3	0.2	0.01	0.03
Min		315	28.8	120	3:15	1	31.5	44.3	63.9	85.0	24.3	32.3	44.2	1.5	0.54	2.1
Max		355	29.4	135	3:45	2	34.3	47.8	67.3	95.0	28.9	37.6	47.8	2.4	0.58	2.2
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	%	%	%
210109-074-GP	09/01/21	315	29.2	135	3:30	1	31.5							1.8	0.56	2.1
210106-072-GP	06/01/21	345	29.3	135	3:30	1	31.8			85	26.4			1.9	0.56	2.2
201230-565-GP	30/12/20	325	29.3	135	3:30	2	33.0	45.0		90	27.0	36.3		1.9	0.56	2.2
201224-222-GP	24/12/20	330	29.3	135	3:45	2	32.4	46.4						1.8	0.56	2.2
201219-163-GP	19/12/20	340	29.2	135	3:30	2	34.3	46.3		95	26.1	35.3		2.0	0.58	2.2
201217-853-GP	17/12/20	350	29.4	120	3:30	2	32.1	45.7						1.7	0.57	2.2
201210-851-GP	10/12/20	355	29.3	120	3:30	1	31.7	45.3		90	26.1	33.6		1.9	0.57	2.2
201209-470-GP	09/12/20	325	29.4	120	3:30	1	33.9	47.8	64.9					2.1	0.56	2.2
201207-468-GP	07/12/20	330	29.2	120	3:45	1	32.3	45.7	64.9	90	28.3	35.7	45.3	1.9	0.56	2.2
201205-134-GP	05/12/20	350	29.4	120	3:30	1	32.8	46.7	65.0	85	27.6	35.5	47.3	1.9	0.56	2.1
201203-136-GP	03/12/20	340	29.2	120	3:30	1	32.0	47.4	64.8					1.7	0.56	2.2
201127-755-GP	27/11/20	320	29.2	135	3:45	1	32.2	45.7	65.3					1.5	0.54	2.1
201125-749-GP	25/11/20	340	29.1	120	3:30	2	31.8	45.5	64.0	90	27.6	37.4	47.8	1.7	0.56	2.2
201123-551-GP	23/11/20	345	29.1	135	3:30	1	31.8	44.3	65.3					1.8	0.54	2.2
201117-393-GP	17/11/20	355	29.1	120	3:30	1	33.9	45.4	65.2	90	28.9	37.6	46.2	1.9	0.56	2.2
201112-974-GP	12/11/20	350	29.1	135	3:15	2	32.1	45.9	65.2	85	27.5	37.0	47.7	1.8	0.55	2.2
201111-972-GP	11/11/20	345	29.4	135	3:30	1	32.0	45.6	66.8					1.9	0.55	2.2
201104-522-GP	04/11/20	340	28.9	120	3:30	1	32.2	46.6	65.9	85	26.6	34.3	46.9	1.8	0.56	2.2
201103-714-GP	03/11/20	335	29.0	120	3:30	2	32.2	45.3	66.3					1.8	0.56	2.2
201028-204-GP	28/10/20	335	29.0	135	3:45	2	32.0	46.6	66.5	85	26.9	35.2	47.8	1.9	0.55	2.2
201027-206-GP	27/10/20	345	29.0	135	3:30	2	32.3	45.6	63.9					1.8	0.56	2.2
201020-801-GP	20/10/20	350	28.9	135	3:30	1	32.6	44.3	64.5	90	24.3	32.3	46.0	2.0	0.55	2.2
201018-799-GP	18/10/20	350	28.8	120	3:30	2	32.3	46.2	66.5					2.1	0.55	2.2
201015-478-GP	15/10/20	340	28.8	120	3:30	2	32.7	46.8	67.3	90.0	24.5	33.6	44.2	2.4	0.55	2.2
201013-476-GP	13/10/20	350	28.8	120	3:30	2	31.5	44.9	65.5					2.1	0.55	2.2

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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

Sample retested

Technical Manager
Raki Harding

Date issued: 15/01/21



Portland Works, Portland, Whangarei 0178

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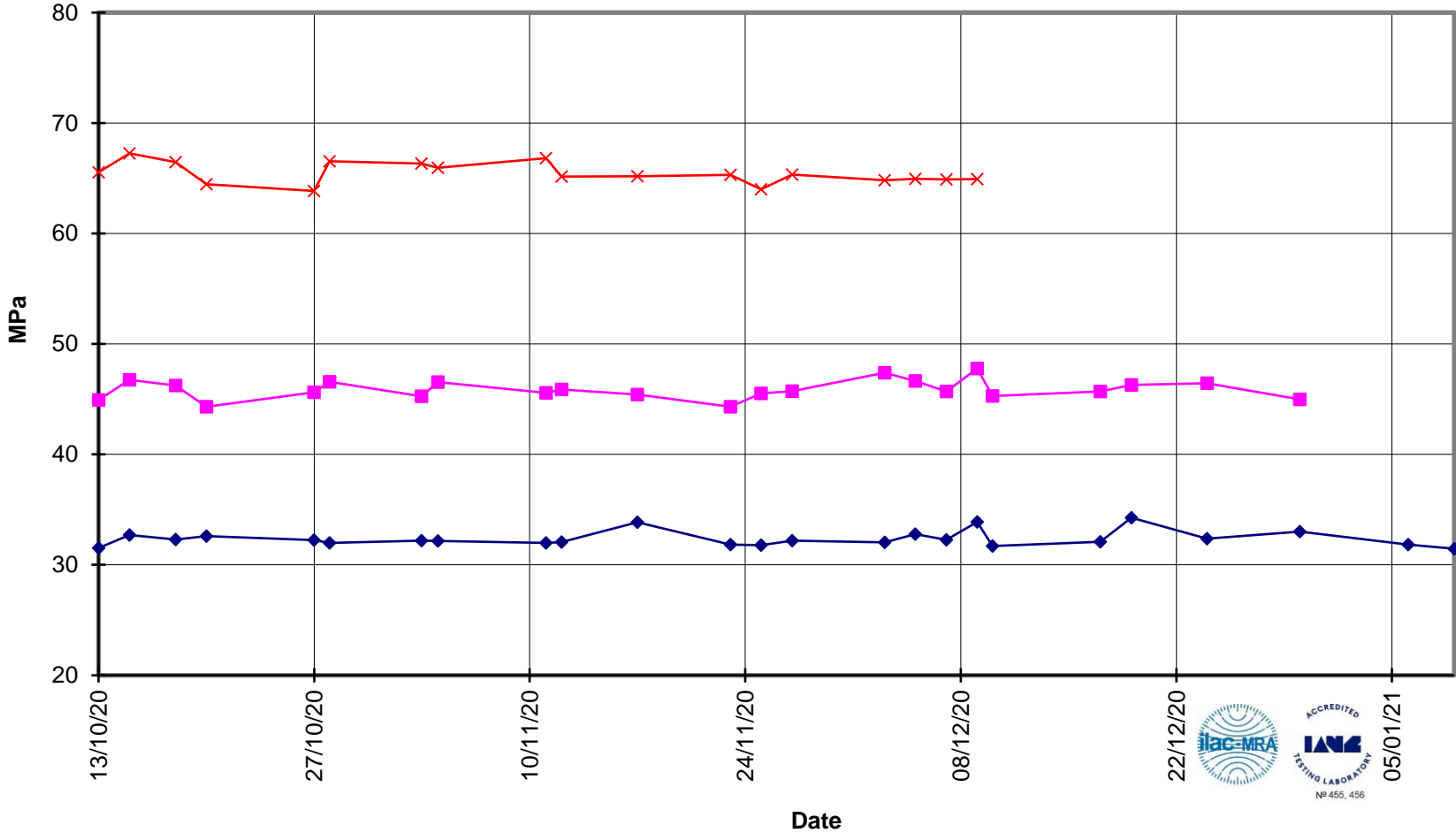


**EverSure™
Type GP Cement**



**Compressive Strength ISO-CEN Mortar
(Bulk Despatch)**

—x— 28 Days —■— 7 Days —◆— 3 Days





**EverSure™
Type GP Cement**



**Compressive Strength Concrete
(Bulk Despatch)**

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

