



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: 20#51

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		331	28.8	132	3:28	1	32.4	45.2	65.1	92.5	25.5	34.5	46.7	1.8	0.54	2.2
Standard Deviation		7	0.1	6	0:09	0.4	1.1	1.2	1.4	3.8	2.3	2.1	2.7	0.2	0.01	0.0
Min		320	28.7	120	3:15	0	30.6	43.0	62.5	90.0	22.8	32.0	43.2	1.3	0.52	2.1
Max		340	29.0	135	3:45	2	34.0	48.0	67.7	100.0	28.8	38.7	51.6	2.3	0.55	2.3
NZS 3122:2009 Requirements				45 max	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	%	%	%
200225-421-GP	25/02/20	340	29.0	135	3:45	1	34.0			90	26.6			1.6	0.55	2.1
200223-471-GP	23/02/20	330	28.9	120	3:15	1	33.6							1.8	0.55	2.2
200219-040-GP	19/02/20	340	29.0	135	3:45	1	34.0	48.0						1.4	0.55	2.2
200216-038-GP	16/02/20	340	28.9	135	3:45	1	32.5	45.4		95	23.2	33.3		1.7	0.55	2.2
200213-682-GP	13/02/20	325	28.9	135	3:30	1	32.1	45.0		95	23.3	32.7		1.6	0.53	2.2
200209-680-GP	09/02/20	330	28.8	135	3:30	1	32.4	45.3						1.7	0.53	2.2
200207-517-GP	07/02/20	320	28.8	135	3:30	2	31.5	45.1						1.7	0.54	2.2
200205-516-GP	05/02/20	335	29.0	135	3:30	1	33.2	46.8		90	27.6	38.7		1.7	0.55	2.2
200130-242-GP	30/01/20	335	28.9	135	3:30	2	32.7	44.6	65.9	90	28.8	36.3	48.6	1.7	0.54	2.2
200127-262-GP	27/01/20	340	29.0	120	3:30	1	32.5	45.2	65.9					1.5	0.54	2.2
200124-899-GP	24/01/20	335	28.9	135	3:15	1	33.8	43.0	64.5					1.8	0.53	2.2
200121-840-GP	21/01/20	340	28.9	135	3:30	0	31.7	44.5	66.0	90	28.6	34.5	45.8	1.5	0.54	2.2
200114-594-GP	14/01/20	320	28.8	135	3:30	1	31.4	46.0	67.7	95	22.8	32.0	45.5	1.8	0.54	2.2
200109-462-GP	09/01/20	325	28.9	135	3:30	1	30.9	44.1	64.6	100	22.8	32.3	43.2	2.2	0.52	2.2
200103-087-GP	01/01/20	320	28.9	120	3:30	1	32.4	44.4	65.5	90	25.9	36.3	51.6	1.8	0.54	2.2
191227-420-GP	27/12/19	325	28.9	135	3:30	1	30.8	46.4	64.2					1.9	0.53	2.2
191223-407-GP	23/12/19	320	28.8	135	3:30	1	30.7	43.1	67.3	90	25.2	33.5	46.0	1.8	0.53	2.2
191219-013-GP	19/12/19	340	28.8	135	3:15	1	30.6	47.0	67.0	100	23.1	33.0	46.0	2.0	0.52	2.2
191215-016-GP	15/12/19	325	28.8	120	3:15	1	31.8	45.6	63.5					1.3	0.55	2.2
191213-602-GP	13/12/19	325	28.7	135	3:30	1	32.5	44.9	65.3	90	25.8	36.3	43.4	2.0	0.55	2.2
191211-600-GP	11/12/19	330	28.7	135	3:30	1	31.6	45.0	64.8					2.1	0.54	2.2
191207-225-GP	07/12/19	335	28.7	120	3:15	1	32.2	43.7	63.8					1.8	0.55	2.3
191204-223-GP	04/12/19	340	28.7	135	3:15	1	33.4	44.7	64.6	90	28.3	37.0	49.9	2.0	0.54	2.2
191129-877-GP	29/11/19	335	28.7	135	3:30	1	33.6	45.8	62.5					2.0	0.52	2.2
191128-830-GP	25/11/19	330	28.7	135	3:45	2	33.5	46.6	63.9	90	24.4	32.8	47.0	2.3	0.53	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



Portland Works, Portland, Whangarei 0178

Sample retested
No result available at time of certificate issue

Jim White
Quality System Co-ordinator

Date issued: 6/03/2020

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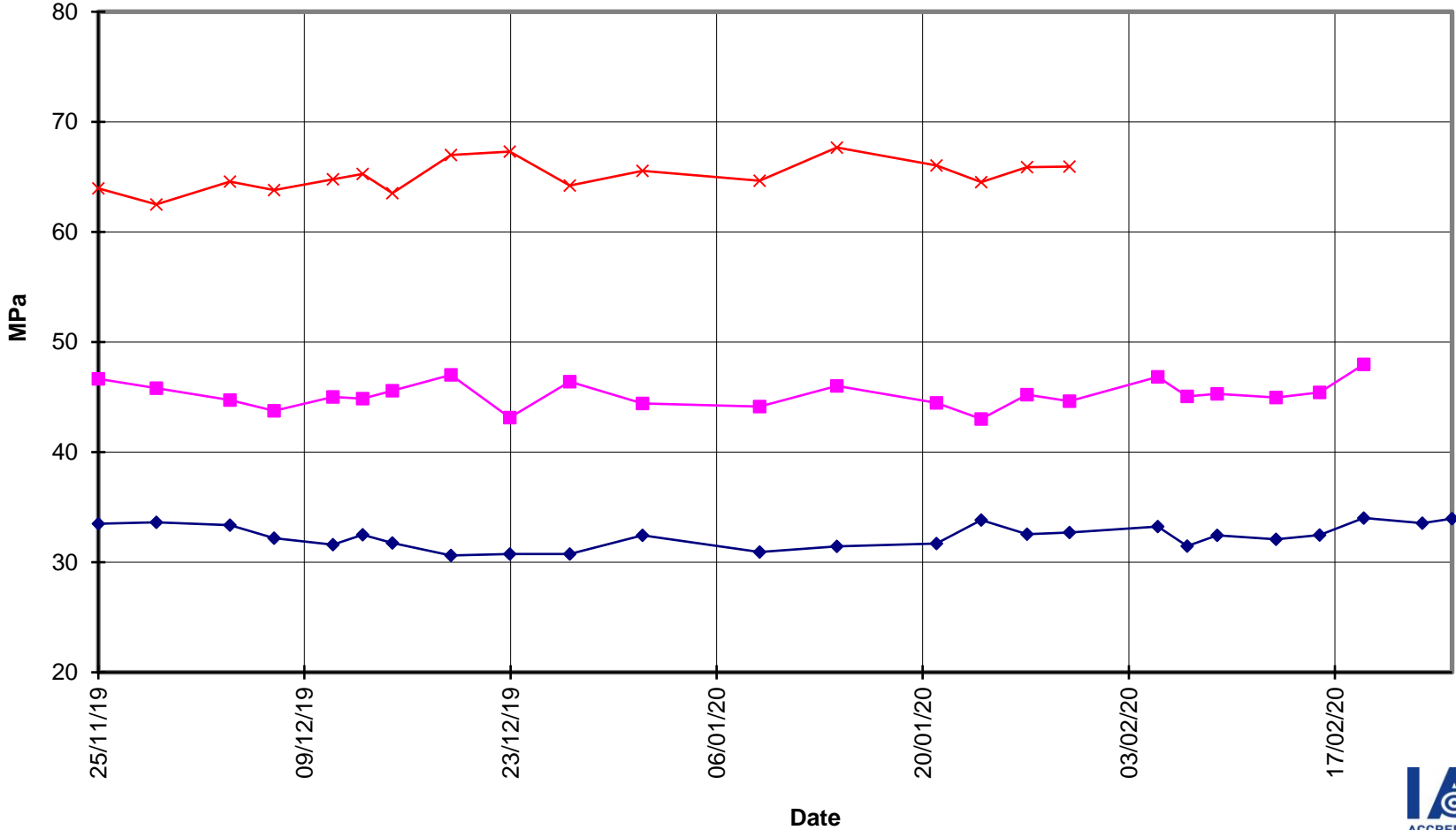


**EverSure™
Type GP Cement**



**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

