



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: 19#290

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		333	28.8	133	3:31	1	33.3	45.5	65.4	92.7	26.0	35.0	46.4	2.1	0.53	2.2
Standard Deviation		10	0.1	11	0:09	0.5	0.7	1.2	1.4	5.3	2.2	2.0	1.7	0.2	0.01	0.0
Min		315	28.7	105	3:15	0	31.6	43.4	63.3	85.0	23.4	32.4	43.6	1.8	0.51	2.2
Max		355	29.0	150	3:45	2	35.5	48.3	67.4	100.0	30.9	37.2	48.7	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	%	%	%
191213-602-GP	13/12/19	325	28.7	135	3:30	1	32.5			90	25.8			2.0	0.55	2.2
191211-600-GP	11/12/19	330	28.7	135	3:30	1	31.6							2.1	0.54	2.2
191207-225-GP	07/12/19	335	28.7	120	3:15	1	32.2	43.7						1.8	0.55	2.3
191204-223-GP	04/12/19	340	28.7	135	3:15	1	33.4	44.7		90	28.3	37.0		2.0	0.54	2.2
191129-877-GP	29/11/19	335	28.7	135	3:30	1	33.6	45.8						2.0	0.52	2.2
191128-830-GP	25/11/19	330	28.7	135	3:45	2	33.5	46.6		90	24.4	32.8		2.3	0.53	2.2
191122-545-GP	22/11/19	355	28.7	135	3:45	2	35.5	48.3						2.0	0.53	2.2
191120-479-GP	20/11/19	330	28.7	135	3:30	1	33.8	46.6		100	23.5	32.4		2.2	0.54	2.2
191115-183-GP	15/11/19	330	28.7	135	3:30	1	33.8	45.7	64.5	100	25.2	34.7	43.6	2.0	0.52	2.2
191112-181-GP	12/11/19	325	28.8	135	3:30	1	32.9	45.2	65.5					2.1	0.54	2.2
191106-750-GP	06/11/19	335	28.8	150	3:30	1	34.0	46.4	67.2	90	30.9	37.2	45.7	2.1	0.53	2.2
191103-752-GP	03/11/19	335	28.8	150	3:45	2	33.1	43.8	65.1					2.3	0.53	2.2
191101-352-GP	01/11/19	330	28.7	150	3:30	1	33.7	44.6	64.7	90	28.1	37.1	47.3	2.3	0.54	2.2
191030-354-GP	30/10/19	340	28.7	135	3:30	2	33.3	45.7	66.1					2.0	0.53	2.2
191028-981-GP	28/10/19	320	28.7	150	3:30	1	33.5	46.3	65.3					2.3	0.53	2.2
191024-979-GP	24/10/19	325	28.7	135	3:30	0	33.1	44.8	67.4	90	25.4	36.9	47.4	2.3	0.53	2.2
191017-569-GP	17/10/19	315	28.8	135	3:45	1	33.6	43.4	65.2	90	25.4	33.2	47.1	2.0	0.52	2.2
191013-571-GP	13/10/19	330	28.7	135	3:45	1	33.0	46.9	63.3					2.1	0.52	2.2
191010-383-GP	10/10/19	320	28.8	135	3:45	1	33.5	45.4	67.4					1.9	0.51	2.2
191007-381-GP	07/10/19	330	28.8	135	3:30	1	33.9	46.7	66.9	100	23.4	33.0	46.9	2.0	0.51	2.2
191004-056-GP	04/10/19	335	28.8	120	3:15	2	32.5	45.1	66.6					2.0	0.53	2.2
191001-055-GP	01/10/19	350	29.0	120	3:30	2	33.2	44.8	63.5	100	23.5	33.4	44.0	2.1	0.52	2.2
190928-792-GP	28/09/19	340	28.9	105	3:30	1	33.0	45.4	63.9	90	26.3	37.1	46.6	2.0	0.52	2.2
190926-725-GP	26/09/19	340	28.9	120	3:30	1	33.3	44.9	63.9					1.9	0.54	2.2
190920-348-GP	20/09/19	350	28.9	120	3:15	1	33.7	46.2	65.7	85	27.1	35.7	48.7	1.8	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: 20/12/2019

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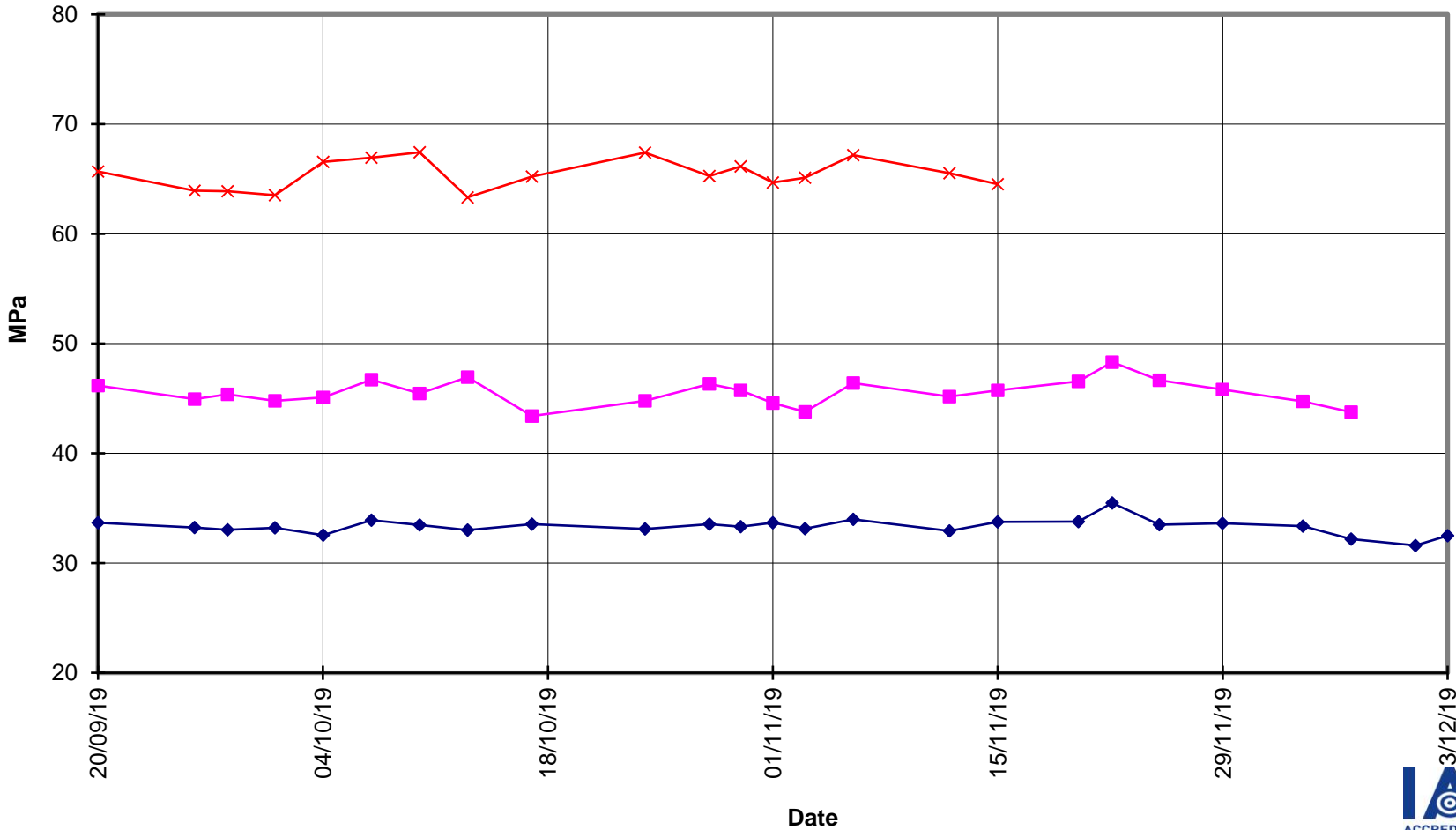


**EverSure™
Type GP Cement**



**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

