



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: 22#11

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		334	28.7	137	3:32	1	30.6	42.2	64.3	92	22.1	32.2	45.7	1.8	0.56	2.2
Standard Deviation		10	0.3	8	0:08	0	0.9	1.3	1.0	7	1.9	3.0	2.2	0.2	0.01	0.07
Min		310	28.2	120	3:15	1	28.8	39.8	63.3	80	20.2	26.5	42.0	1.5	0.54	2.2
Max		350	29.2	150	3:45	2	32.6	44.8	67.0	100	25.4	36.0	49.6	2.2	0.58	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	%	%	%
220206-419-GP	06/02/22	340	29.2	135	3:45	#	30.7							1.6	0.54	2.4
220204-417-GP	04/02/22	335	29.1	150	3:45	#	31.8			80	25.6			1.6	0.56	2.4
220129-097-GP	29/01/22	330	29.1	135	3:45	1	30.6	42.9		100	20.7	26.5		1.8	0.55	2.4
220126-095-GP	26/01/22	325	29.1	135	3:30	1	30.8	43.4						1.6	0.56	2.3
220120-744-GP	20/01/22	335	28.6	120	3:15	2	30.3	43.1		90	24.3	36.0		2.1	*0.53	*2.3
220119-742-GP	19/01/22	340	28.4	120	3:30	1	31.8	43.9						1.8	*0.52	*2.4
220114-472-GP	14/01/22	340	28.4	135	3:30	2	30.7	43.3		90	20.2	32.3		1.9	*0.53	*2.2
220109-465-GP	09/01/22	350	28.3	150	3:30	1	30.4	41.3						1.7	*0.55	*2.3
220106-870-GP	06/01/22	320	28.6	150	3:30	1	30.8	42.6	64.2					1.6	0.55	2.2
220102-868-GP	02/01/22	310	28.5	135	3:30	1	31.3	42.5	63.7					1.5	0.54	2.2
211229-866-GP	29/12/21	340	28.4	135	3:30	1	31.3	42.1	63.4	100	21.1	31.1	43.2	1.6	0.56	2.2
211226-864-GP	26/12/21	340	28.6	135	3:30	1	31.7	42.9	64.0	100	20.8	31.2	42.0	1.7	0.56	2.2
211221-856-GP	21/12/21	325	28.3	135	3:30	1	32.6	44.8	66.0					1.6	0.57	2.2
211219-854-GP	19/12/21	325	28.4	135	3:30	1	31.0	42.5	63.8	90	20.5	33.4	46.5	1.6	0.55	2.2
211217-592-GP	17/12/21	325	28.2	150	3:45	1	28.8	40.1	63.8					2.2	0.58	2.3
211211-594-GP	11/12/21	330	28.2	150	3:30	1	29.7	43.1	67.0	90	22.1	35.8	49.6	2.2	0.56	2.2
211209-311-GP	09/12/21	345	29.2	150	3:45	1	30.0	41.1	63.9					2.1	0.57	2.2
211206-309-GP	06/12/21	340	29.2	135	3:30	1	30.4	42.4	64.2	90	21.5	31.1	47.2	2.1	0.58	2.2
211202-965-GP	02/12/21	325	28.8	135	3:30	1	31.1	42.5	63.3					1.9	0.55	2.2
211130-963-GP	30/11/21	320	28.9	135	3:30	1	29.1	41.0	64.9	100	21.7	28.1	44.5	2.1	0.55	2.2
211125-592-GP	25/11/21	330	29.0	135	3:15	2	29.2	39.8	64.3	80	25.4	33.8	46.1	1.9	0.56	2.2
211122-594-GP	22/11/21	340	29.0	135	3:30	1	29.7	41.4	64.6					2.1	0.56	2.2
211118-229-GP	18/11/21	350	29.2	135	3:30	1	30.7	40.9	64.2					2.0	0.55	2.2
211116-226-GP	16/11/21	340	29.0	135	3:30	2	30.6	41.7	63.5	90	23.0	35.9	45.9	1.8	0.54	2.2
211111-892-GP	11/11/21	345	28.9	135	3:45	2	30.4	40.4	63.6	90	20.6	31.7	46.0	2.1	0.57	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

No result available at time of certificate issue
* Tested by SpectraChem Analyticsl - Verrum Group

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Raki Harding
Quality Manager

Date issued: 11/02/2022



Portland Works, Portland, Whangarei 0178

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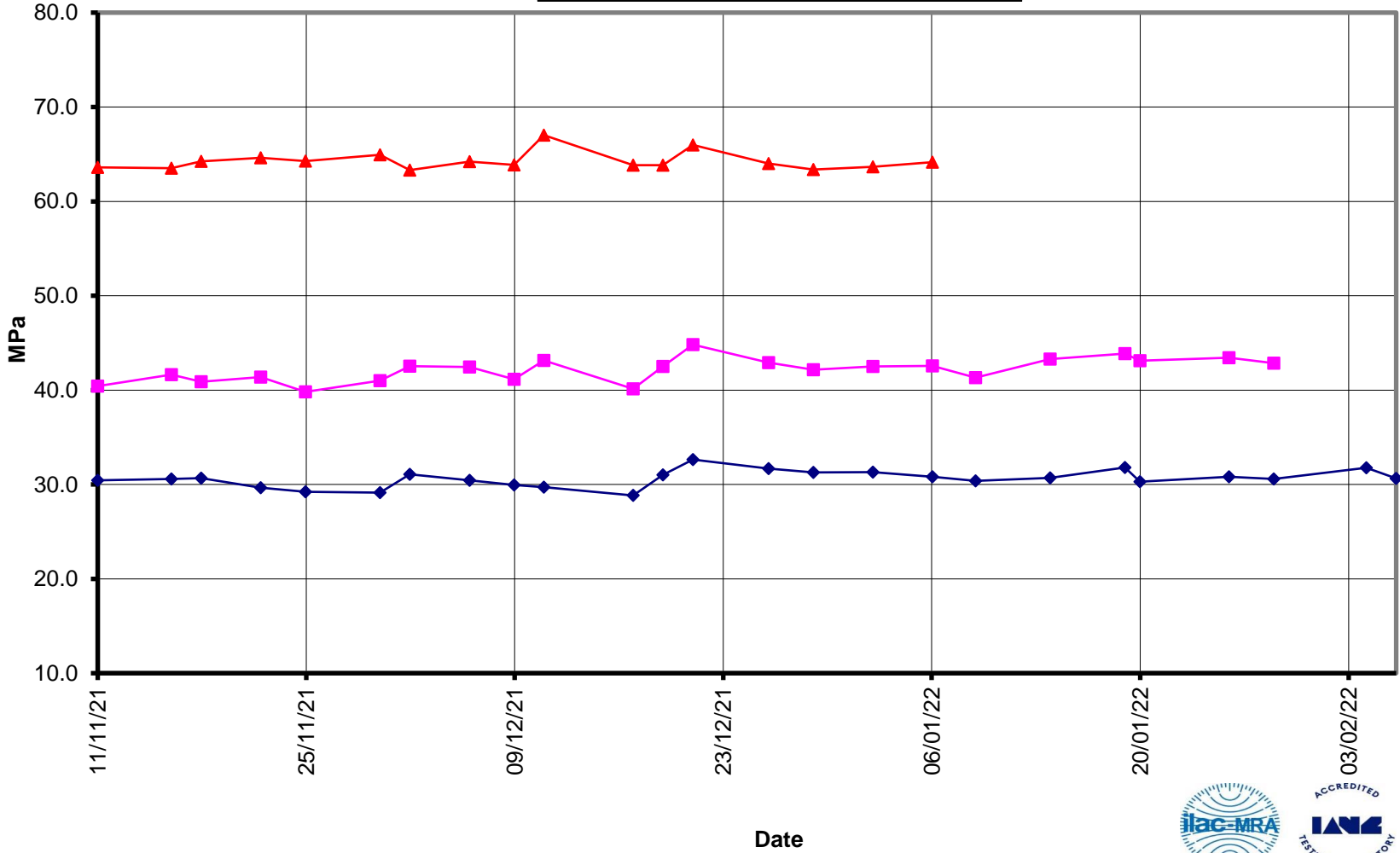


EverSure™ Type GP Cement



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

