



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#190

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		335	29.2	128	3:33	1	30.4	42.3	64.8	93	22.9	33.3	47.0	2.1	0.56	2.2
Standard Deviation		8	0.3	12	0:10	0	0.8	1.4	0.9	6	1.6	1.8	1.9	0.3	0.01	0.03
Min		320	28.8	105	3:15	0	28.6	40.4	63.3	90	20.8	30.8	41.8	1.5	0.53	2.2
Max		350	30.0	150	3:45	2	31.8	44.9	66.5	110	25.8	36.1	48.7	2.7	0.58	2.3
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	%	%	%
211002-726-GP	02/10/21	340	29.0	120	3:15	2	31.0							2.1	0.55	2.2
210930-724-GP	30/09/21	330	29.0	135	3:45	2	29.1			90	22.7			1.8	0.57	2.2
210925-524-GP	25/09/21	335	30.0	120	3:15	2	29.8	40.5						2.5	0.57	2.3
210922-522-GP	22/09/21	340	29.9	105	3:15	2	30.6	40.7		90	21.4	30.8		2.0	0.57	2.3
210917-309-GP	17/09/21	320	29.2	135	3:30	2	30.4	42.1		90	23.1	34.9		1.7	0.56	2.2
210907-028-GP	07/09/21	330	29.0	135	3:45	1	30.6	41.8		90	24.8	35.0		2.1	0.55	2.2
210829-778-GP	29/08/21	335	29.3	150	3:45	1	30.6	42.1	63.5	90	25.8	36.1	47.3	2.0	0.57	2.2
210824-505-GP	24/08/21	325	29.2	120	3:30	1	30.5	42.0	64.8	90	22.1	32.9	45.7	2.1	0.57	2.3
210822-503-GP	22/08/21	345	29.1	120	3:30	1	30.3	42.8	64.8					2.0	0.58	2.3
210816-411-GP	16/08/21	325	28.8	135	3:45	1	29.6	42.2	65.0	100	22.0	31.9	47.4	2.1	0.55	2.2
210811-938-GP	11/08/21	345	28.8	135	3:30	1	29.9	44.9	64.1					1.9	0.56	2.2
210808-936-GP	08/08/21	335	29.0	150	3:45	1	30.1	41.2	63.3	100	20.9	31.2	47.6	1.5	0.56	2.2
210806-591-GP	06/08/21	340	29.1	135	3:45	2	29.0	40.4	63.7					2.4	0.56	2.2
210801-588-GP	01/08/21	350	29.1	135	3:45	1	28.6	40.9	64.1	90	23.3	34.7	47.6	2.2	0.54	2.2
210730-453-GP	30/07/21	330	29.1	135	3:45	1	31.2	40.9	63.9					2.3	0.55	2.2
210725-283-GP	25/07/21	325	29.3	135	3:30	1	31.3	42.1	64.7	110	23.3	32.9	41.8	2.1	0.56	2.2
210722-075-GP	22/07/21	345	29.4	105	3:30	1	29.4	41.6	65.3	100	20.8	33.9	48.6	2.0	0.58	2.2
210720-077-GP	20/07/21	340	29.4	120	3:30	1	29.9	42.4	65.0					2.3	0.58	2.2
210716-927-GP	16/07/21	340	29.4	120	3:30	0	30.6	42.8	63.9					2.2	0.56	2.2
210713-718-GP	13/07/21	335	29.4	120	3:30	1	30.8	44.4	66.5	90	25.7	35.5	48.0	2.1	0.56	2.2
210708-408-GP	08/07/21	335	29.3	135	3:45	1	30.9	44.2	66.1	90	23.1	34.8	47.9	2.2	0.57	2.2
210701-292-GP	01/07/21	335	29.2	120	3:30	1	31.2	44.4	64.7	90	23.5	31.6	46.3	2.3	0.57	2.3
210628-294-GP	28/06/21	330	29.3	120	3:15	1	30.5	44.6	66.1					2.4	0.57	2.2
210623-681-GP	23/06/21	325	29.4	135	3:45	1	31.8	42.2	65.1	90	21.5	30.8	48.7	2.3	0.53	2.2
210620-683-GP	20/06/21	330	29.4	135	3:30	1	31.6	42.1	66.0					2.7	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

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Raki Harding
Technical Manager



Portland Works, Portland, Whangarei 0178

Date issued: 7/10/2021

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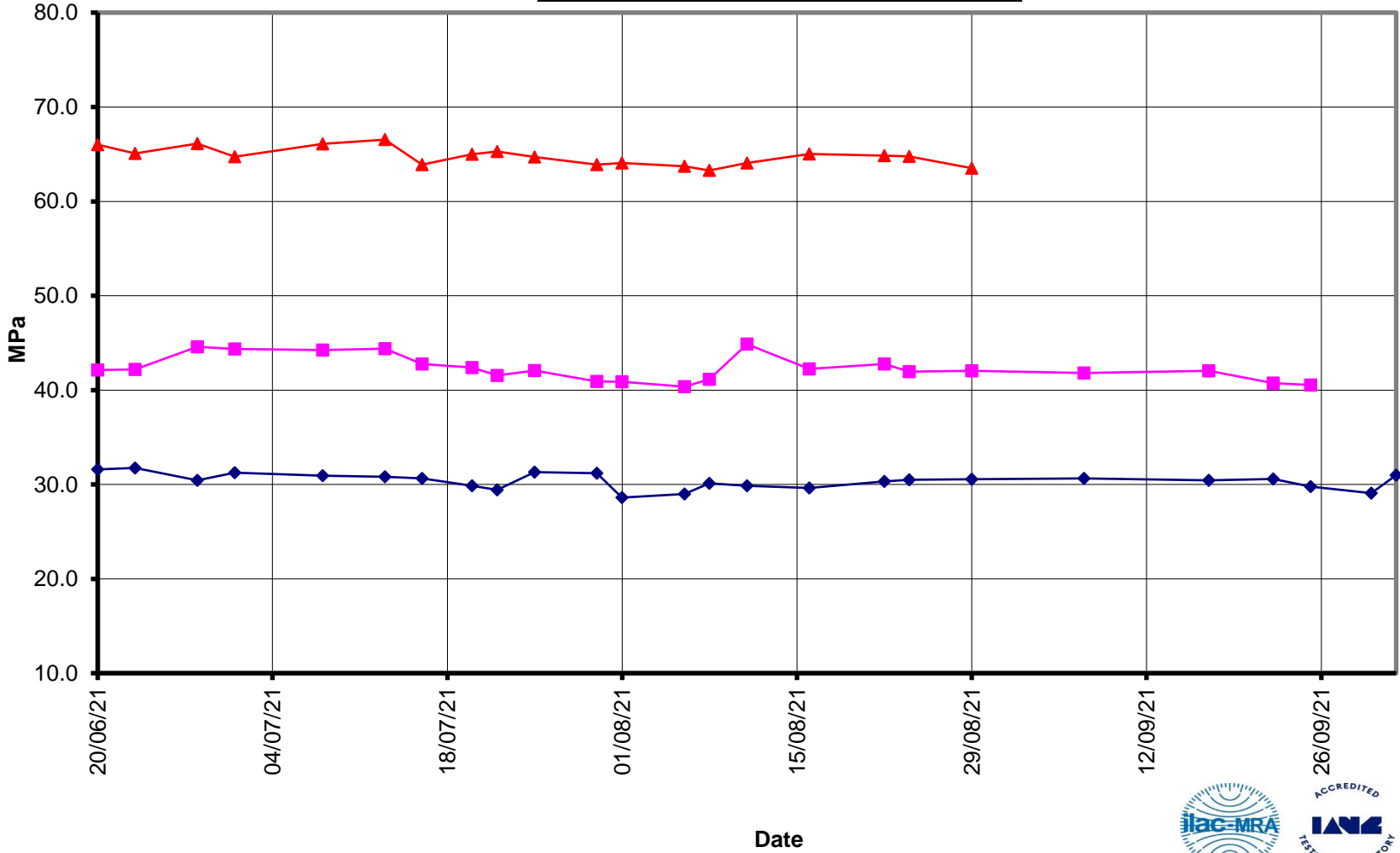


EverSure™ Type GP Cement



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

