



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#215

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		330	29.0	130	3:30	1	30.2	41.3	63.5	91	22.8	33.3	46.4	2.0	0.56	2.2
Standard Deviation		9	0.3	11	0:10	0	0.9	0.9	1.0	5	1.7	2.1	2.4	0.2	0.01	0.04
Min		315	28.8	105	3:15	0	28.2	39.8	61.7	80	20.3	29.7	42.2	1.7	0.54	2.2
Max		350	30.0	150	3:45	2	32.7	43.2	65.4	100	25.8	36.1	49.9	2.5	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	%	%	%
211202-965-GP	02/12/21	325	28.8	135	3:30	1	31.1							1.9	0.55	2.2
211130-963-GP	30/11/21	320	28.9	135	3:30	1	29.1			100	21.7			2.1	0.55	2.2
211125-592-GP	25/11/21	330	29.0	135	3:15	2	29.2	39.8		80	25.4	33.8		1.9	0.56	2.2
211122-594-GP	22/11/21	340	29.0	135	3:30	1	29.7	41.4						2.1	0.56	2.2
211118-229-GP	18/11/21	350	29.2	135	3:30	1	30.7	40.9						2.0	0.55	2.2
211116-226-GP	16/11/21	340	29.0	135	3:30	2	30.6	41.7		90	23.0	35.9		1.8	0.54	2.2
211111-892-GP	11/11/21	345	28.9	135	3:45	2	30.4	40.4		90	20.6	31.7		2.1	0.57	2.2
211108-894-GP	08/11/21	335	28.9	135	3:30	2	30.5	41.2						2.0	0.56	2.2
211104-485-GP	04/11/21	320	28.8	135	3:30	1	30.5	40.3	63.0					1.8	0.56	2.2
211101-483-GP	01/11/21	325	28.9	135	3:30	2	30.2	41.7	64.5	100	21.3	30.6	43.0	1.8	0.57	2.2
211029-179-GP	29/10/21	325	28.9	105	3:30	2	30.3	41.4	63.1	90	20.3	29.7	48.7	1.9	0.57	2.2
211026-181-GP	26/10/21	325	28.8	120	3:45	2	30.9	42.1	63.0					1.9	0.57	2.2
211022-784-GP	22/10/21	320	28.8	150	3:45	1	29.4	40.1	63.9	90	22.7	34.3	44.8	2.1	0.58	2.2
211019-782-GP	19/10/21	320	28.9	135	3:15	1	29.8	40.0	61.7					2.2	0.56	2.3
211012-419-GP	12/10/21	335	29.0	120	3:30	2	28.2	41.1	62.2	100	22.9	32.5	42.2	2.2	0.55	2.3
211011-421-GP	11/10/21	335	28.8	120	3:30	2	28.7	41.8	63.3					2.0	0.56	2.3
211008-086-GP	08/10/21	315	29.0	120	3:30	1	31.1	41.6	63.2	90	23.1	34.8	49.9	2.0	0.54	2.3
211006-084-GP	06/10/21	325	28.8	135	3:30	0	32.7	43.2	65.1					2.1	0.57	2.2
211002-726-GP	02/10/21	340	29.0	120	3:15	2	31.0	42.5	64.6					2.1	0.55	2.2
210930-724-GP	30/09/21	330	29.0	135	3:45	2	29.1	42.0	63.2	90	22.7	32.4	47.4	1.8	0.57	2.2
210925-524-GP	25/09/21	335	30.0	120	3:15	2	29.8	40.5	62.2					2.5	0.57	2.3
210922-522-GP	22/09/21	340	29.9	105	3:15	2	30.6	40.7	63.5	90	21.4	30.8	46.2	2.0	0.57	2.3
210917-309-GP	17/09/21	320	29.2	135	3:30	2	30.4	42.1	65.4	90	23.1	34.9	46.9	1.7	0.56	2.2
210907-028-GP	07/09/21	330	29.0	135	3:45	1	30.6	41.8	64.4	90	24.8	35.0	47.6	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

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

Tested Outside Scope Of Accreditation

No result available at time of certificate issue

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Raki Harding
Quality Manager



Portland Works, Portland, Whangarei 0178

Date issued: 10/12/2021

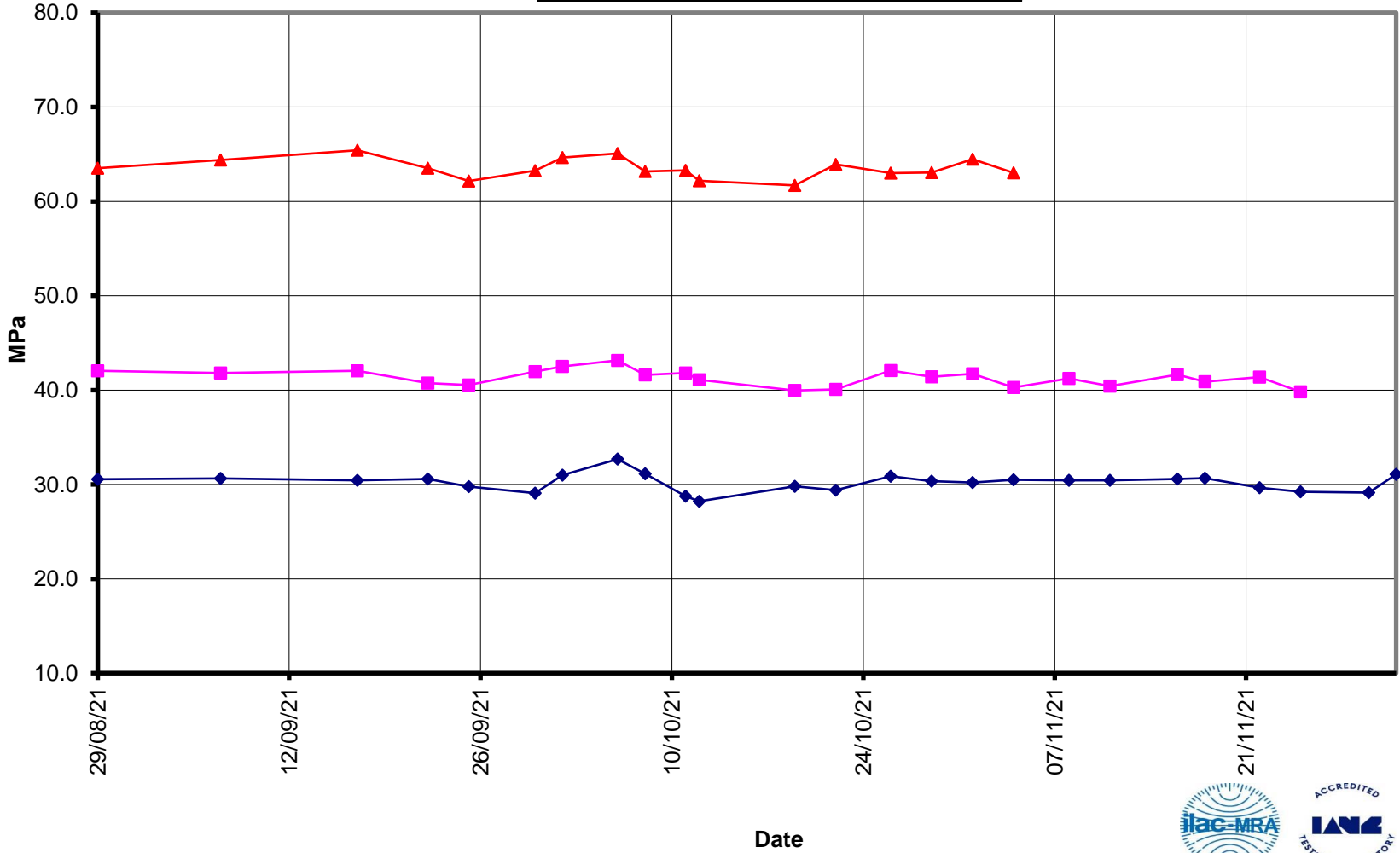
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EverSure™ Type GP Cement



Compressive Strength ISO-CEN Mortar (Bulk Dispatch)





EverSure™ Type GP Cement



Compressive Strength Concrete (Bulk Dispatch)

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

