

Golden Bay Cement

CERTIFICATE OF QUALITY

EverPlus™ (Class C Flyash)



Name of Power Station **Huntly**
 Source of Sampling **Eastport & Portland Flyash Silos**

Testing Laboratory **GBC & Cement Australia**
 Grade of Sample **Grade 1**

Issued to: **National Sales Manager**

Test Report No: **20#141**

Code	Date of Sampling	Moisture %	Loss on Ignition %	Passing 45 Micron %	Sulphate SO3* %	Available Alkali* %	Total Alkali (Na2O Equiv) %	Relative Density	Relative Water %	Strength Index %	Chloride* %	Chemical Composition (SiO2 + Al2O3 + Fe2O3)
Mean		0.0	0.5	88.0	0.9	1.3	2.07	2.61	90.6	107.9	0.014	67.8
Standard Deviation		0.0	0.1	2.9	0.1	0.7	0.66	0.06	2.6	2.1	0.006	3.0
Min		0.0	0.3	83.4	0.8	0.9	1.41	2.55	87.6	104.8	0.006	62.8
Max		0.1	0.7	95.8	0.9	2.3	4.27	2.70	93.3	109.2	0.018	71.5
AS/NZS 3582.1:2016		<0.5	<4.0	>75	<3.0						<0.1	>60%
200801-807	01/08/20	0.1	0.4	#	#	#	2.54	#	#	#	#	68.8
200731-793	31/07/20	0.1	0.4	86.8	#	#	1.82	#	#	#	#	70.6
200730-801	30/07/20	0.0	0.5	85.4	#	#	2.13	2.55	#	#	#	69.4
200727-386	27/07/20	0.0	0.4	84.9	#	#	3.39	#	#	#	#	69.1
200718-175	18/07/20	0.0	0.4	85.0	#	#	2.55	#	#	#	#	69.4
200717-026	17/07/20	0.0	0.5	83.4	#	#	1.83	#	#	#	#	70.4
200704-537	04/07/20	0.0	0.4	87.2	#	#	2.05	#	#	#	#	68.6
200630-261	30/06/20	0.0	0.4	87.9	#	#	1.83	2.58	88.0	#	#	69.9
200620-444	20/06/20	0.0	0.3	88.0	#	#	1.79	#	#	#	#	69.7
200613-406	13/06/20	0.0	0.3	88.1	#	#	1.92	#	#	#	#	69.2
200611-187	11/06/20	0.0	0.4	84.4	#	#	1.84	#	#	#	#	70.6
200530-498	30/05/20	0.0	0.4	95.8	0.9	2.3	2.76	2.56	87.6	108.5	0.006	71.5
200523-049	23/05/20	0.0	0.3	95.6	#	#	2.73	#	#	#	#	71.2
200514-659	14/05/20	0.1	0.3	85.8	#	#	1.87	#	#	#	#	71.5
200508-544	08/05/20	0.1	0.5	91.0	#	#	4.27	#	#	#	#	66.3
200229-423	29/02/20	0.1	0.7	87.3	0.8	1.0	1.65	2.66	93.3	109.2	0.018	64.1
200220-048	20/02/20	0.0	0.4	88.3	#	#	2.09	#	#	#	#	69.8
200215-941	15/02/20	0.1	0.6	89.3	#	#	1.57	#	#	#	#	63.1
200208-614	08/02/20	0.0	0.6	88.6	#	#	1.48	#	#	#	#	62.8
200131-675	31/01/20	0.0	0.6	88.0	0.9	0.9	1.55	2.70	91.9	109.2	0.016	64.2
200125-267	25/01/20	0.0	0.5	88.9	#	#	1.41	#	#	#	#	63.0
200118-596	18/01/20	0.0	0.5	88.7	#	#	1.55	#	#	#	#	63.5
200111-595	11/01/20	0.0	0.6	89.0	#	#	1.60	#	#	#	#	63.9
191230-347	30/12/19	0.1	0.6	87.3	0.8	1.0	1.90	2.59	92	105	0.017	67.9
191221-523	21/12/19	0.0	0.5	88.1	#	#	1.71	#	#	#	#	65.8

* Cement Australia, Nata Accredited Laboratory Nos: 187 188

The Relative Water & Relative Strength Tests used NZS 3122 Type GP cement in the mortars
 The above samples were tested as received in accordance with methods stated in the AS 3583 series.

Total alkali & chemical composition results outside the scope of accreditation.

No result available at time of certificate issue
 # Test requirements not met due to covid lockdown

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 Technical Manager

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