



CERTIFICATE OF QUALITY

EverPlus™ - Imported Class F Flyash



Testing Laboratory **GBC & Cement Australia**

Source of Sampling **Mount Maunganui Service Centre**

Grade of Sample **Grade 1**

Issued to: **National Sales Manager**

Test Report No: **23#85**

Code	Date of Sampling	Supplier	Source	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				0.1	0.2	89.5	1.0	1.3	3.51	2.61	89.4	113.1	0.002	78.0
Standard Deviation				0.1	0.1	1.8	0.2	0.2	0.31	0.07	2.0	8.1	0.000	2.7
Min				0.0	0.2	85.3	0.7	0.7	3.10	2.54	84.5	99.9	0.002	73.3
Max				0.3	0.4	91.7	1.3	1.6	4.35	2.81	93.0	122.0	0.002	82.8
AS/NZS 3582.1-2016				<0.5	< 4.0	> 75	< 3.0						<0.1	> 60%
230530-247	30/05/23	Adani	MPO 38-5 & 40-1	0.0	0.2	90.0	0.9	1.6	3.72	2.56	90.0	119.0	0.002	77.7
230523-768	23/05/23	Adani	MPO 43-4	0.0	0.2	86.7	1.0	1.4	3.25	2.59	90.00	122.0	0.002	80.3
230523-767	23/05/23	Adani	MPO 40-2	0.0	0.2	87.5	1.1	1.4	3.52	2.63	90.00	120.0	0.002	77.6
230523-766	23/05/23	Adani	MPO 43-3	0.0	0.2	86.5	0.9	1.2	3.12	2.63	90.00	119.0	0.002	81.3
230523-765	23/05/23	Adani	MPO 40-3	0.1	0.2	85.9	0.8	1.3	3.51	2.62	90.0	115.0	0.002	79.1
230523-764	23/05/23	Adani	MPO 43-2	0.0	0.3	85.3	0.7	1.2	3.12	2.58	90	116	0.002	82.8
230518-676	18/05/23	Adani	MPO 38-4	0.0	0.4	90.3	0.9	1.5	4.01	2.58	89.0	119.0	0.002	81.0
230430-006	30/04/23	Adani	MPO 38	0.1	0.3	90.2	#	#	3.62	2.58	87.7	100.8	#	79.8
230417-041	17/04/23	Adani	MPO 40	0.0	0.2	89.2	0.8	1.3	3.49	2.62	92.0	120.0	0.002	80.5
230330-663	30/03/23	Adani	Mundra, India	0.0	0.3	89.7	0.8	1.4	3.78	2.54	93.0	117.0	0.002	78.8
230308-903	08/03/23	Adani	MPO 38-2	0.0	0.2	90.1	#	#	3.69	2.55	#	#	#	79.7
230228-662	28/02/23	Adani	Mundra, India	0.1	0.3	90.1	#	#	3.60	2.58	89.4	99.9	#	78.8
230217-879	17/02/23	Adani	Mundra, India	0.3	0.3	91.0	#	#	3.33	#	#	#	#	73.9
230217-878	17/02/23	Adani	Mundra, India	0.0	0.3	91.2	#	#	3.94	2.56	#	#	#	80.7
230217-877	17/02/23	Adani	Mundra, India	0.0	0.3	89.0	#	#	3.10	2.69	#	#	#	76.3
230217-876	17/02/23	Adani	Mundra, India	0.0	0.3	89.6	#	#	3.81	2.54	#	#	#	80.3
230210-823	10/02/23	Adani	Mundra, India	0.1	0.4	90.7	#	#	3.53	#	#	#	#	80.4
230202-143	02/02/23	Adani	Mundra, India	0.0	0.2	88.3	#	#	3.24	2.63	#	#	#	77.3
230130-964	30/01/23	Adani	Mundra, India	0.0	0.3	91.0	1.1	0.7	3.28	2.72	88.6	102.1	0.002	75.6
230126-820	26/01/23	Adani	Mundra, India	0.1	0.2	91.3	#	#	3.36	#	#	#	#	76.3
221230-214	30/12/22	Adani	Mundra, India	0.1	0.2	90.7	1.3	1.6	3.30	2.81	84.5	110.5	0.002	74.2
221207-108	07/12/22	Adani	Mundra, India	0.0	0.2	91.7	#	#	3.28	#	#	#	#	74.5
221207-108	07/12/22	Adani	Mundra, India	0.0	0.2	91.7	#	#	3.28	#	#	#	#	74.5
221203-851	03/12/22	Adani	Mundra, India	0.1	0.2	90.1	#	#	4.35	#	#	#	#	73.3
221130-538	30/11/22	Adani	Mundra, India	0.0	0.3	90.1	1.1	1.3	3.52	2.66	87.5	103.5	0.002	75.3

* 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

This Report must not be reproduced except in full

Vincent Lane

Vincent Lane
Works Chemist

Date issued: 21/08/23 Portland Works, Portland, Whangarei 0178

