



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: **22#121**

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				0.0	0.2	89.7	#DIV/0!	#DIV/0!	3.34	2.72	87.7	93.6	#DIV/0!	76.9
Standard Deviation				0.0	0.1	1.1	#DIV/0!	#DIV/0!	0.66	0.16	0.5	6.3	#DIV/0!	3.5
Min				0.0	0.1	88.1	0.0	0.0	2.31	2.53	87.4	89.1	0.000	73.3
Max				0.1	0.4	91.7	0.0	0.0	4.35	2.89	88.2	98.0	0.000	82.0
AS/NZS 3582.1-2016				<0.5	< 4.0	> 75	< 3.0						<0.1	> 60%
	07/12/22	Adani	Mundra, India	0.0	0.2	91.7	#	#	3.28	#	#	#	#	74.5
	03/12/22	Adani	Mundra, India	0.1	0.2	90.1	#	#	4.35	#	#	#	#	73.3
	30/11/22	Adani	Mundra, India	0.0	0.3	90.1	#	#	3.52	2.66	87.5	#	#	75.3
	25/11/22	Adani	Mundra, India	0.1	0.4	88.1	#	#	3.25	#	#	#	#	82.0
	17/11/22	Adani	Mundra, India	0.0	0.2	88.8	#	#	2.31	#	#	#	#	81.0
	11/11/22	Adani	Mundra, India	0.0	0.2	90.3	#	#	4.18	#	#	#	#	74.2
	07/11/22	Adani	Mundra, India	0.1	0.1	90.5	#	#	3.21	2.89	#	#	#	75.2
	28/10/22	Adani	Mundra, India	0.0	0.1	88.5	#	#	3.35	2.53	88.2	89.1	#	81.5
	19/10/22	Adani	Mundra, India	0.0	0.1	89.4	#	#	2.58	2.81	87.4	98.0	#	75.5

* 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

Raki Harding
Quality Manager

Date issued: 15/12/22 Portland Works, Portland, Whangarei 0178

