


Week Ending	SO ₃	Alkalis (NaEq)	45-micron Residue	Fineness (g)	Initial Set	Final Set	Soundness	Water	LOI	I-3D	I-7D	I-28D
	%	%	%	m ² /kg	minutes	minutes	mm	%	%	MPa	MPa	MPa
12/12/2024	2.6	0.52	5.2	378	120	210	2	27.1	2.4	39.8	53.0	67.8
05/12/2024	2.6	0.52	5.4	384	105	195	2	27.3	2.7	40.3	54.7	69.2
28/11/2024	2.7	0.50	5.0	376	120	210	1	28.3	2.8	39.9	53.1	67.0
21/11/2024	2.5	0.52	3.6	368	90	180	1	27.5	2.6	40.0	54.2	70.5
14/11/2024	2.5	0.51	4.5	353	120	225	3	28.8	2.5	39.9	54.5	70.8
07/11/2024	2.4	0.48	4.9	355	135	210	3	28.8	2.4	37.7	53.4	69.1
30/10/2024	2.4	0.50	4.5	351	120	210	2	28.8	2.3	39.4	55.0	69.8
23/10/2024	2.5	0.49	4.8	370	105	210	0	29.0	2.4	41.3	55.8	70.7
16/10/2024	2.7	0.51	3.3	394	105	210	1	28.9	2.7	41.6	54.4	70.1
09/10/2024	2.5	0.43	4.9	363	120	210	0	28.0	2.5	40.0	55.2	70.5
02/10/2024	2.5	0.44	4.2	360	90	210	1	28.0	2.5	39.6	54.2	68.9
26/09/2024	2.5	0.47	3.5	360	90	210	1	28.0	2.5	40.1	55.6	72.8
19/09/2024	2.5	0.47	3.0	365	105	210	2	28.0	2.5	39.9	55.8	72.4
12/09/2024	2.3	0.47	5.6	360	135	240	0	28.0	3.0	39.2	54.2	69.7
05/09/2024	2.5	0.47	4.6	361	120	225	3	28.8	2.8	39.0	53.8	69.5
28/08/2024	2.5	0.44	3.9	354	105	225	2	28.8	2.8	38.8	55.3	71.9
21/08/2024	2.4	0.44	4.5	352	105	195	1	28.8	2.5	38.6	54.2	70.5
14/08/2024	2.4	0.46	3.8	354	120	210	2	29.0	2.7	39.1	54.9	70.2
07/08/2024	2.3	0.45	2.9	360	120	210	3	29.8	2.8	40.8	56.0	71.9
01/08/2024	2.4	0.43	2.6	365	105	210	3	29.8	2.7	39.8	55.5	71.6
Min	0.4	0.43	2.6	351	90	180	0	27.1	2.3	37.7	53.0	67.0
Max	2.7	0.52	5.6	394	135	240	3	29.8	3.0	41.6	56.0	72.8
Mean	2.5	0.47	4.2	364	112	211	2	28.5	2.6	39.7	54.6	70.2
StdDev	0.1	0.03	0.9	11	13	12	1	0.7	0.2	0.9	0.9	1.5
AS/NZS												
2350:2006	3.5	0.64			45	360	5				35.0	45.0
Specifications	maximum	maximum			minimum	maximum	maximum				minimum	minimum
<p>HR Cement Ltd is registered for the production & distribution of cement in accordance with ISO 9001:2015.</p> <p>Xtra-Cem is tested in accordance with AS/NZS 2350 & NZS 3122:2009</p> <p>Samples tested as received. This Test Report may not be reproduced except in full.</p> <p>Testing conducted by Cement Australia (Darra, Brisbane, Australia). Nata Accreditation Numbers: 187, 188</p>												
												
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