

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
28/11/2024	2.7	0.50	5.0	376	120	210	1	28.3	2.8	39.9		
21/11/2024	2.5	0.52	3.6	368	90	180	1	27.5	2.6	40.0		
14/11/2024	2.5	0.51	4.5	353	120	225	3	28.8	2.5	39.9	54.5	
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
26/07/2024	2.0	0.47	1.9	368	105	210	3	29.8	2.1	41.7	57.1	73.4
19/07/2024	2.2	0.46	2.1	377	105	225	2	29.8	2.9	42.6	57.5	73.2
Min	0.4	0.43	1.9	351	90	180	0	27.5	2.1	37.7	53.4	68.9
Max	2.7	0.52	5.6	394	135	240	3	29.8	3.0	42.6	57.5	73.4
Mean	2.4	0.47	3.9	363	111	212	2	28.7	2.6	40.0	55.1	71.0
StdDev	0.2	0.03	1.0	10	13	12	1	0.7	0.2	1.2	1.1	1.4
AS/NZS												
2350:2006	3.5	0.64			45	360	5				35.0	45.0
Specifications	maximum	maximum			minimum	maximum	maximum				minimum	minimum

HR Cement Ltd is registered for the production & distribution of cement in accordance with ISO 9001:2015.
 Xtra-Cem is tested in accordance with AS/NZS 2350 & NZS 3122:2009
 Samples tested as received. This Test Report may not be reproduced except in full.
 Testing conducted by Cement Australia (Darra, Brisbane, Australia). Nata Accreditation Numbers: 187, 188



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