

Week Ending	SO <sub>3</sub>	Alkalis (NaEq)	45-micron Residue	Fineness (g)	Initial Set	Final Set	Soundness	Water	LOI	I-3D	I-7D	I-28D
	%	%	%	m <sup>2</sup> /kg	minutes	minutes	mm	%	%	MPa	MPa	MPa
30/10/2024	2.4	0.50	4.5	351	120	210	2	28.8	2.3	39.4	55.0	
23/10/2024	2.5	0.49	4.8	370	105	210	0	29.0	2.4	41.3	55.8	
16/10/2024	2.7	0.51	3.3	394	105	210	1	28.9	2.7	41.6	54.4	
09/10/2024	2.5	0.43	4.9	363	120	210	0	28.0	2.5	40.0	55.2	
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
12/07/2024	2.3	0.47	2.2	372	105	210	1	29.8	2.9	43.7	59.1	74.0
05/07/2024	2.4	0.48	3.1	371	135	240	2	29.8	3.1	42.3	59.0	75.6
28/06/2024	2.3	0.47	1.8	370	120	225	1	29.5	3.8	44.0	59.7	75.2
21/06/2024	2.4	0.49	2.5	352	105	210	1	29.0	2.6	39.3	56.2	74.2
14/06/2024	2.0	0.48	2.6	359	105	210	1	29.0	2.6	41.2	57.8	73.7
<b>Min</b>	0.4	0.43	1.8	351	90	195	0	28.0	2.1	38.6	53.8	68.9
<b>Max</b>	2.7	0.51	5.6	394	135	240	3	29.8	3.8	44.0	59.7	75.6
<b>Mean</b>	2.4	0.47	3.4	364	111	215	2	29.0	2.7	40.6	56.0	72.3
<b>StdDev</b>	0.2	0.02	1.1	10	12	11	1	0.7	0.3	1.6	1.7	2.0

AS/NZS												
<b>2350:2006</b>	3.5	0.64			45	360	5				35.0	45.0
<b>Specifications</b>	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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