

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
17/04/2025	2.4	0.47	2.3		105	210	1	28.7	3.3	39.0		
10/04/2025	2.4	0.49	3.1	365	105	195	1	28.5	3.2	39.3	54.2	
04/04/2025	2.3	0.49	3.6	337	105	195	0	28.2	2.5	40.5	56.0	
27/03/2025	2.2	0.48	3.4	362	105	195	1	27.8	2.7	40.9	55.7	69.7
20/03/2025	2.3	0.45	4.9	367	105	210	2	27.8	3.3	39.5	53.1	67.3
13/03/2025	2.4	0.45	3.8	366	110	225	2	27.8	3.4	36.5	49.7	64.5
06/03/2025	2.3	0.47	3.0	330	120	210	1	27.8	3.1	36.8	51.4	66.4
27/02/2025	2.4	0.45	4.5	364	105	225	2	27.8	3.3	37.5	52.3	66.9
20/02/2025	2.5	0.48	2.7	373	105	195	2	27.8	2.7	40.4	54.4	69.0
13/02/2025	2.5	0.44	4.5	362	105	195	2	27.5	2.2	39.5	54.3	70.1
06/02/2025	2.5	0.41	2.7	368	105	195	2	27.2	2.6	37.8	52.3	65.8
30/01/2025	2.6	0.43	2.7	379	120	210	2	27.1	3.1	38.5	52.2	65.4
23/01/2025	2.7	0.45	3.4	374	120	210	2	27.1	2.9	39.2	53.3	68.1
17/01/2025	2.7	0.45	5.9	362	120	210	2	27.1	3.2	36.6	51.3	65.5
24/12/2024	2.7	0.45	6.7	367	120	210	1	27.1	2.6	37.0	50.7	65.1
18/12/2024	2.7	0.47	6.6	363	120	210	3	27.1	2.3	37.6	52.2	66.7
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
Min	2.2	0.41	2.3	330	90	180	0	27.1	2.2	36.5	49.7	64.5
Max	2.7	0.52	6.7	384	120	225	3	28.7	3.4	40.9	56.0	70.5
Mean	2.5	0.47	4.2	366	111	205	2	27.6	2.8	38.8	53.1	67.4
StdDev	0.2	0.03	1.3	13	9	11	1	0.5	0.4	1.4	1.7	1.8
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												
DA Chater												
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