

Week Ending	Alkalis (NaEq)	SO ₃	45-micron Residue	Fineness	Initial Set	Final Set	Soundness	Water	LOI	I-3D	I-7D	I-28D
	%	%	%	m ² /kg	minutes	minutes	mm	%	%	MPa	MPa	MPa
07/01/2026	0.41	2.3	5.5	382	105	195	1	27.7	3.1	39.3	55.0	
22/12/2025	0.41	2.6	4.4	362	105	195	1	28.7	3.2	36.3	52.9	
15/12/2025	0.41	2.5	4.1	375	120	210	0	28.8	3.0	40.4	57.3	
08/12/2025	0.45	2.5	3.8	374	105	210	0	28.2	3.1	40.5	57.0	73.6
01/12/2025	0.46	2.5	3.9	369	105	195	2	28.2	2.9	41.2	57.5	74.1
26/11/2025	0.44	2.5	4.7	370	105	210	2	28.2	3.0	40.6	58.0	74.7
17/11/2025	0.44	2.5	4.2	378	90	210	3	28.2	3.1	40.1	56.6	71.2
10/11/2025	0.43	2.5	3.4	376	90	210	1	28.3	2.9	40.1	56.4	71.0
03/11/2025	0.44	2.7	4.2	381	105	210	2	28.3	3.1	39.6	55.1	71.0
24/10/2025	0.45	2.7	3.4	375	120	210	1	28.3	2.7	40.4	56.4	72.4
17/10/2025	0.44	2.9	3.6	396	90	180	1	28.8	3.1	41.1	58.9	68.1
10/10/2025	0.44	2.8	3.5	386	120	210	1	28.8	3.5	37.6	55.1	71.0
03/10/2025	0.43	2.8	4.3	391	105	195	1	28.8	3.1	38.6	53.3	67.9
26/09/2025	0.44	2.8	3.5	380	120	195	1	27.8	2.9	38.2	54.3	70.7
19/09/2025	0.43	2.6	3.5	385	105	195	1	27.8	3.0	39.0	55.1	70.1
12/09/2025	0.42	2.8	3.5	387	90	195	1	27.8	3.0	38.6	55.1	68.1
05/09/2025	0.44	2.7	5.1	377	90	195	2	27.8	3.3	38.2	54.9	70.6
28/08/2025	0.44	2.6	2.8	390	105	180	1	27.8	3.3	38.7	55.2	69.8
21/08/2025	0.42	2.6	3.5	380	105	195	2	27.8	3.4	38.7	55.6	71.1
14/08/2025	0.42	2.6	2.7	383	120	210	2	27.8	3.4	38.6	56.1	70.9
Min	0.41	2.3	2.7	362	90	180	1	27.7	2.7	36.3	52.9	67.9
Max	0.46	2.9	5.5	396	120	210	3	28.8	3.5	41.2	58.9	74.7
Mean	0.43	2.6	3.9	380	105	200	1	28.2	3.1	39.3	55.8	71.0
StdDev	0.01	0.15	0.7	8.1	10.9	10.1	0.6	0.40	0.20	1.26	1.51	1.95
AS/NZS 2350:2006	0.64	3.5			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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