



XTRA-CEM

High Strength, Fast Set



Week Ending	Supplier ID	SO3 (%)	Sodium Equ (NaEq)	Residue (%)	Fineness (m2/kg)	Initial Set (min)	Final Set (hour)	Soundness (%)	Water (%)	LOI (%)	3 D-MS (MPa)	7 D-MS (MPa)	28 D-MS (MPa)
26/01/2024	HRCL												
19/01/2024	HRCL												
12/01/2024	HRCL	2.90	0.49	2.30		90	3.25		28.8	3.30	38.4	50.2	
22/12/2023	HRCL	2.90	0.50	3.00		90	3.00	1.00	28.7	3.10	37.4	49.1	
15/12/2023	HRCL	2.60	0.44	2.40		105	3.50	1.00	28.6	3.10	38.7	54.3	
08/12/2023	HRCL	2.60	0.49	3.30	368	105	3.50	1.00	28.6	2.90	37.2	52.8	
01/12/2023	HRCL	2.60	0.46	2.10	398	105	3.25	2.00	28.7	3.20	40.3	55.8	70.6
24/11/2023	HRCL	2.50	0.47	2.50	393	105	3.50	0.00	28.8	3.20	39.4	54.7	68.7
17/11/2023	HRCL	2.60	0.50	2.70	381	120	3.50	2.00	28.7	3.50	36.8	52.2	67.9
10/11/2023	HRCL	2.60	0.51	2.90	387	120	3.25	1.00	28.5	3.10	38.1	52.7	67.1
03/11/2023	HRCL	2.50	0.49	3.90	368	105	3.50	1.00	28.5	3.20	37.2	52.1	66.1
27/10/2023	HRCL	2.60	0.51	3.90	359	120	3.50	2.00	28.3	3.20	36.1	50.0	65.5
20/10/2023	HRCL	2.40	0.47	3.80	377	120	3.50	1.00	28.3	3.50	36.4	50.2	64.1
13/10/2023	HRCL	2.70	0.50	3.40	374	120	3.75	1.00	28.3	3.60	38.9	53.9	68.1
06/10/2023	HRCL	2.50	0.50	4.30	378	120	3.75	2.00	28.3	3.40	38.9	54.5	64.0
29/09/2023	HRCL	2.60	0.51	3.90	372	120	3.50	0.00	28.3	3.50	38.2	53.4	68.9
22/09/2023	HRCL	2.40	0.49	4.50	356	120	3.75	1.00	28.3	3.90	36.1	51.6	67.7
15/09/2023	HRCL	2.70	0.49	5.60	364	120	3.25	1.00	28.3	3.80	36.4	47.2	64.1
08/09/2023	HRCL	2.70	0.50	3.10	371	105	3.25	1.00	28.6	3.60	38.5	50.7	66.8
01/09/2023	HRCL	2.80	0.49	2.40	373	105	3.00	3.00	28.6	3.00	39.5	53.5	70.0
25/08/2023	HRCL	2.30	0.49	4.40	352	120	3.25	2.00	28.6	3.30	38.8	55.3	71.4
18/08/2023	HRCL	2.40	0.48	3.30	363	105	3.25	1.00	28.6	3.40	36.9	52.8	68.0
Min		2.30	0.44	2.10	352			0.00	28.3	2.90	36.1	47.2	64.0
Max		2.90	0.51	5.60	398			3.00	28.8	3.90	40.3	55.8	71.4
Mean		2.60	0.49	3.39	373			1.26	28.5	3.34	37.9	52.4	67.4
Std Dev		0.16	0.02	0.90	12.47			0.73	0.19	0.26	1.24	2.24	2.27
NZS 3122:2009		3.50	0.64			45	6.00	5.00				35.0	45.0
Requirements		maximum	maximum			minimum	maximum	maximum				Minimum	Minimum

RT – Retesting Sample

The above samples were tested as received in accordance with AS/NZS 2350

Results also on www.hrcl.co.nz website

All testing performed by IANZ / NATA approved Laboratory.

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