HR CEMENT limited

XTRA-CEM
High Strength, Fast Set

| 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 |
| 05/10/2026 | 0.47 | 2.5 | 2.8 | 379 | 105 | 195 | 2 | 28.3 | 3.2 | 40.5 | 57.1 | |
| 28/09/2026 | 0.46 | 2.6 | 3.3 | 364 | 120 | 210 | 2 | 28.3 | 3.2 | 38.3 | 57.0 | 71.4 |
| 21/09/2026 | 0.49 | 2.6 | 2.5 | 372 | 105 | 210 | 2 | 28.3 | 3.3 | 38.9 | 55.5 | 71.2 |
| 14/09/2026 | 0.49 | 2.4 | 1.8 | 374 | 105 | 210 | 1 | 28.3 | 3.2 | 41.4 | 57.4 | 71.1 |
| 07/09/2026 | 0.49 | 2.4 | 1.7 | 369 | 75 | 195 | 0 | 28.3 | 3.3 | 41.1 | 57.8 | 71.4 |
| 31/08/2026 | 0.48 | 2.4 | 1.9 | 370 | 105 | 195 | 1 | 28.1 | 3.2 | 40.7 | 58.2 | 71.1 |
| 24/08/2026 | 0.51 | 2.6 | 3.3 | 363 | 105 | 180 | 2 | 28.0 | 3.2 | 38.5 | 54.3 | 70.4 |
| 17/08/2026 | 0.51 | 2.6 | 2.6 | 364 | 120 | 195 | 3 | 28.3 | 3.0 | 38.4 | 56.1 | 69.7 |
| 10/08/2026 | 0.50 | 2.6 | 3.0 | 371 | 90 | 225 | 2 | 28.3 | 3.2 | 40.1 | 55.3 | 70.4 |
| 03/08/2026 | 0.45 | 2.6 | 2.5 | 354 | 120 | 225 | 1 | 28.3 | 3.5 | 38.7 | 56.8 | 72.8 |
| 27/07/2026 | 0.44 | 2.7 | 2.7 | 355 | 120 | 210 | 1 | 28.2 | 3.4 | 38.7 | 55.8 | 73.7 |
| 20/07/2026 | 0.47 | 2.5 | 3.5 | 365 | 120 | 210 | 3 | 28.0 | 3.3 | 39.0 | 56.3 | 73.5 |
| 13/07/2026 | 0.49 | 2.5 | 3.5 | 350 | 105 | 210 | 1 | 28.0 | 3.3 | 37.5 | 55.5 | 72.5 |
| 06/07/2026 | 0.46 | 2.6 | 3.4 | 348 | 75 | 210 | 1 | 28.0 | 3.2 | 36.4 | 53.9 | 72.9 |
| 29/06/2026 | 0.43 | 2.3 | 4.2 | 338 | 90 | 225 | 1 | 28.0 | 3.3 | 36.6 | 55.5 | 72.5 |
| 22/06/2026 | 0.42 | 2.5 | 4.0 | 346 | 90 | 225 | 3 | 28.0 | 3.2 | 36.5 | 55.7 | 73.2 |
| 15/06/2026 | 0.44 | 2.7 | 3.9 | 352 | 105 | 195 | 1 | 28.0 | 3.4 | 35.1 | 53.1 | 71.6 |
| 08/06/2026 | 0.43 | 2.4 | 5.2 | 330 | 90 | 240 | 1 | 28.7 | 3.4 | 32.3 | 51.2 | 69.6 |
| 01/06/2026 | 0.42 | 2.5 | 4.8 | 335 | 90 | 225 | 2 | 27.8 | 3.4 | 33.9 | 53.4 | 72.5 |
| 25/05/2026 | 0.44 | 2.7 | 5.7 | 340 | 105 | 210 | 1 | 27.9 | 3.4 | 34.1 | 52.4 | 73.1 |
| **Min** | 0.42 | 2.3 | 1.7 | 330 | 75 | 180 | 0 | 27.8 | 3.0 | 32.3 | 51.2 | 69.6 |
| **Max** | 0.51 | 2.7 | 5.7 | 379 | 120 | 240 | 3 | 28.7 | 3.5 | 41.4 | 58.2 | 73.7 |
| **Mean** | 0.46 | 2.5 | 3.3 | 357 | 102 | 210 | 2 | 28.2 | 3.3 | 37.8 | 55.4 | 71.8 |
| **StdDev** | 0.03 | 0.11 | 1.1 | 14.2 | 14.3 | 14.6 | 0.8 | 0.21 | 0.12 | 2.53 | 1.86 | 1.26 |
| **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

**Dave Chater** - Technical Manager (dave.chater@hrcl.co.nz)

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