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# Cement Test Report

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Results of tests made at the laboratories of the company on samples of
Ketton PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N
Dispatched from Ketton during week ending 04-Oct-26 (Week No. 2026-39 )
and during week ending 13-Sep-26 (Week No. 2026-36 ) for 28 day results

| Date | Fineness | Setting Time | Soundness | Compressive Strength | | | Chloride | Alkali | |
|---|---|---|---|---|---|---|---|---|---|
| | Specific Surface ($m^2$/kg) | Initial (mins) | Expansion (mm) | 40mm x 40mm x 160mm Mortar prisms | | | mean of 25 % | Certified Average of 25 Alkali % $Na_2O$ eq | Standard Deviation |
| | | | | 2 Days ($N/mm^2$) | 7 Days ($N/mm^2$) | 28 Days ($N/mm^2$) | | | |
| 28-Sep-26 | 540 | 175 | 0 | 38.0 | 55.0 | | 0.03 | 0.59 | 0.05 |
| 30-Sep-26 | 540 | 190 | | 37.5 | 52.0 | | 0.03 | 0.59 | 0.05 |
| Average | 540 | 185 | | 38.0 | 53.5 | | | | |
| 07-Sep-26 | 530 | 185 | 0 | 39.5 | 56.0 | 62.0 | 0.04 | 0.60 | 0.04 |
| 09-Sep-26 | 530 | 170 | | 40.0 | 56.5 | 64.5 | 0.03 | 0.60 | 0.04 |
| Average | 530 | 180 | | 40.0 | 56.5 | 63.5 | | | |

Product Declaration:
Declared Mean Alkali (%) = 0.75 (Max)
Declared Mean Chloride content (%) = 0.07 (Max)

For and on behalf of
HEIDELBERG MATERIALS UK

*Dr Nina Cardinal, Dipl.Ing., CEng, MICT*
*Technical Strategy Director*
*Heidelberg Materials UK*

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