



Heidelberg Materials UK  
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Ketton Works  
1333-CPR-00254



## 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  
and during week ending

20-Jul-25 (Week No. 2025-28 )  
29-Jun-25 (Week No. 2025-25 ) for 28 day results

| Date      | Fineness                    | Setting Time      | Soundness         | Compressive Strength              |                   |                    | Chloride | Alkali                                   |                       |
|-----------|-----------------------------|-------------------|-------------------|-----------------------------------|-------------------|--------------------|----------|--|-----------------------|
|           | Specific Surface<br>(m²/kg) | Initial<br>(mins) | Expansion<br>(mm) | 40mm x 40mm x 160mm Mortar prisms |                   |                    | %        | Certified<br>Average Alkali<br>% Na₂O eq | Standard<br>Deviation |
|           |                             |                   |                   | 2 Days<br>(N/mm²)                 | 7 Days<br>(N/mm²) | 28 Days<br>(N/mm²) |          |  |                       |
| 14-Jul-25 | 520                         | 170               | 0                 | 38.0                              | 52.0              |                    | 0.04     | 0.68                                     | 0.01                  |
| 16-Jul-25 | 515                         | 175               |                   | 34.5                              | 47.0              |                    | 0.04     | 0.68                                     | 0.01                  |
|           |                             |                   |                   |                                   |                   |                    |          |  |                       |
| Average   | 520                         | 175               |                   | 36.5                              | 49.5              |                    | 0.04     |  | 0.01                  |
| 23-Jun-25 | 500                         | 160               | 0                 | 35.5                              | 49.0              | 62.0               | 0.04     | 0.68                                     | 0.02                  |
| 25-Jun-25 | 525                         | 155               |                   | 37.0                              | 51.0              | 60.5               | 0.04     | 0.68                                     | 0.02                  |
|           |                             |                   |                   |                                   |                   |                    |          |  |                       |
| Average   | 515                         | 160               |                   | 36.5                              | 50.0              | 61.5               | 0.04     |  | 0.02                  |

### Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared 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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