



Heidelberg Materials UK  
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Ketton Works  
1333-CPR-00122



## Cement Test Report

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Results of tests made at the laboratories of the company on samples of  
Ketton PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ketton during week ending  
and during week ending

21-Dec-25 (Week No. 2025-50 )  
30-Nov-25 (Week No. 2025-47 ) 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) |          |                                          |                       |
| 15-Dec-25 | 465                         | 170               | 1                 | 33.5                              | 53.0              |                    | 0.04     | 0.63                                     | 0.03                  |
| 16-Dec-25 | 445                         | 165               |                   | 33.0                              | 52.0              |                    | 0.04     | 0.63                                     | 0.03                  |
| 17-Dec-25 | 435                         | 170               |                   | 33.0                              | 53.0              |                    | 0.04     | 0.63                                     | 0.03                  |
| 19-Dec-25 | 440                         | 165               |                   | 31.0                              | 53.5              |                    | 0.04     | 0.63                                     | 0.03                  |
| Average   | 445                         | 170               |                   | 32.5                              | 53.0              |                    | 0.04     |                                          | 0.03                  |
| 24-Nov-25 | 445                         | 170               | 1                 | 30.5                              | 48.0              | 58.5               | 0.04     | 0.64                                     | 0.03                  |
| 25-Nov-25 | 460                         | 165               |                   | 30.5                              | 50.5              | 63.5               | 0.04     | 0.64                                     | 0.03                  |
| 26-Nov-25 | 455                         | 165               |                   | 33.0                              | 51.0              | 62.5               | 0.04     | 0.64                                     | 0.03                  |
| 28-Nov-25 | 450                         | 165               |                   | 31.0                              | 50.5              | 62.5               | 0.04     | 0.64                                     | 0.03                  |
| Average   | 455                         | 165               | 1                 | 31.5                              | 50.0              | 62.0               | 0.04     |                                          | 0.03                  |

### 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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