



Heidelberg Materials UK  
Second Floor, Arena Court, Crown Lane  
Maidenhead, Berkshire, SL6 8QZ  
Ribblesdale Works  
1333-CPR-00127



## Cement Test Report

Heidelberg Materials UK  
Ketton  
Stamford  
PE9 3SX  
Tel: 0330 123 2074  
Fax: 01780 727008

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

Dispatched from Ribblesdale during week ending  
and during week ending

16-Nov-25 (Week No. 2025-45 )  
26-Oct-25 (Week No. 2025-42 ) 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) |          |                                          |                       |
| 10-Nov-25 | 400                         | 145               | 1                 | 35.0                              | 48.5              |                    | 0.07     | 0.69                                     | 0.03                  |
| 11-Nov-25 | 390                         | 145               |                   | 35.5                              | 47.0              |                    | 0.07     | 0.69                                     | 0.03                  |
| 12-Nov-25 | 405                         | 145               |                   | 37.5                              | 49.5              |                    | 0.07     | 0.70                                     | 0.03                  |
| 13-Nov-25 | 400                         | 145               |                   | 35.5                              | 48.0              |                    | 0.07     | 0.69                                     | 0.03                  |
| 14-Nov-25 | 400                         | 130               |                   | 34.0                              | 47.5              |                    | 0.07     | 0.69                                     | 0.03                  |
| Average   | 400                         | 140               |                   | 35.5                              | 48.0              |                    | 0.07     |                                          | 0.03                  |
| 20-Oct-25 | 400                         | 140               | 1                 | 39.5                              | 48.0              | 59.5               | 0.07     | 0.69                                     | 0.03                  |
| 21-Oct-25 | 385                         | 130               |                   | 36.0                              | 47.5              | 56.0               | 0.07     | 0.69                                     | 0.03                  |
| 22-Oct-25 | 390                         | 135               |                   | 38.0                              | 48.5              | 58.0               | 0.07     | 0.69                                     | 0.03                  |
| 23-Oct-25 | 385                         | 130               |                   | 38.0                              | 49.0              | 59.0               | 0.07     | 0.70                                     | 0.03                  |
| 24-Oct-25 | 395                         | 140               |                   | 35.0                              | 48.0              | 57.5               | 0.07     | 0.70                                     | 0.03                  |
| Average   | 390                         | 135               |                   | 37.5                              | 48.0              | 58.0               | 0.07     |                                          | 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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