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 Ribblesdale Works  
 1333-CPR-00127



## Cement Test Report

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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

10-May-26 (Week No. 2026-18 )

19-Apr-26 (Week No. 2026-15 ) for 28 day results

| Date      | Fineness<br>Specific Surface<br>(m <sup>2</sup> /kg) | Setting Time<br>Initial<br>(mins) | Soundness<br>Expansion<br>(mm) | Compressive Strength              |                                |                                 | Chloride<br>mean of 25<br>% | Alkali   |                       |
|-----------|--|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|---------------------------------|-----------------------------|--|-----------------------|
|           |  |                                   |                                | 40mm x 40mm x 160mm Mortar prisms |                                |                                 |                             | Certified<br>Average of 25<br>Alkali<br>% Na <sub>2</sub> O eq | Standard<br>Deviation |
|           |  |                                   |                                | 2 Days<br>(N/mm <sup>2</sup> )    | 7 Days<br>(N/mm <sup>2</sup> ) | 28 Days<br>(N/mm <sup>2</sup> ) |                             |  |                       |
| 05-May-26 | 420  | 130                               | 1                              | 38.0                              | 50.5                           |                                 | 0.07                        | 0.69   | 0.03                  |
| 06-May-26 | 420  | 140                               |                                | 37.5                              | 49.0                           |                                 | 0.07                        | 0.69   | 0.03                  |
| 07-May-26 | 405  | 120                               |                                | 39.0                              | 49.5                           |                                 | 0.07                        | 0.69   | 0.03                  |
| 08-May-26 | 410  | 130                               |                                | 38.0                              | 50.5                           |                                 | 0.07                        | 0.69   | 0.03                  |
| Average   | 415  | 130                               |                                | 38.0                              | 50.0                           |                                 |                             |  |                       |
| 13-Apr-26 | 405  | 130                               | 2                              | 38.0                              | 49.5                           | 57.5                            | 0.07                        | 0.70   | 0.03                  |
| 14-Apr-26 | 395  | 120                               |                                | 38.0                              | 51.5                           | 60.5                            | 0.07                        | 0.70   | 0.03                  |
| 15-Apr-26 | 420  | 125                               |                                | 37.0                              | 50.5                           | 61.0                            | 0.07                        | 0.70   | 0.02                  |
| 16-Apr-26 | 400  | 130                               |                                | 39.0                              | 48.5                           | 58.5                            | 0.07                        | 0.70   | 0.02                  |
| 17-Apr-26 | 395  | 120                               |                                | 38.5                              | 50.0                           | 60.0                            | 0.07                        | 0.70   | 0.02                  |
| Average   | 405  | 125                               |                                | 38.0                              | 50.0                           | 59.5                            |                             |  |                       |

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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