

## Cement Test Report

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

Dispatched from Padeswood during week ending  
and during week ending

11-Oct-26 (Week No. 2026-40 )  
20-Sep-26 (Week No. 2026-37 ) for 28 day results

| Date      | Fineness                                 | Setting Time      | Soundness         | Compressive Strength              |                                |                                 | Chloride        | Alkali                                                         |                       |
|-----------|------------------------------------------|-------------------|-------------------|-----------------------------------|--------------------------------|---------------------------------|-----------------|----------------------------------------------------------------|-----------------------|
|           | Specific Surface<br>(m <sup>2</sup> /kg) | Initial<br>(mins) | Expansion<br>(mm) | 40mm x 40mm x 160mm Mortar prisms |                                |                                 | mean of 25<br>% | 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-Oct-26 | 435                                      | 195               | 0                 | 29.5                              | 47.0                           |                                 | 0.05            | 0.56                                                           | 0.03                  |
| 06-Oct-26 | 445                                      | 165               |                   | 30.5                              | 49.0                           |                                 | 0.05            | 0.55                                                           | 0.05                  |
| 08-Oct-26 | 445                                      | 160               |                   | 30.5                              | 49.0                           |                                 | 0.05            | 0.55                                                           | 0.05                  |
| 09-Oct-26 | 420                                      | 155               |                   | 29.0                              | 46.0                           |                                 | 0.05            | 0.55                                                           | 0.05                  |
| Average   | 435                                      | 170               |                   | 30.0                              | 48.0                           |                                 |                 |                                                                |                       |
| 14-Sep-26 | 430                                      | 165               | 1                 | 29.5                              | 49.0                           | 61.0                            | 0.04            | 0.56                                                           | 0.03                  |
| 15-Sep-26 | 435                                      | 185               |                   | 32.5                              | 48.5                           | 61.0                            | 0.04            | 0.56                                                           | 0.03                  |
| 17-Sep-26 | 420                                      | 195               |                   | 29.0                              | 47.0                           | 61.5                            | 0.04            | 0.55                                                           | 0.03                  |
| 18-Sep-26 | 430                                      | 185               |                   | 31.0                              | 48.0                           | 59.5                            | 0.04            | 0.56                                                           | 0.03                  |
| Average   | 430                                      | 185               |                   | 30.5                              | 48.0                           | 61.0                            |                 |                                                                |                       |

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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