



Heidelberg Materials UK
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 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



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

16-Feb-25 (Week No. 2025-6)
 26-Jan-25 (Week No. 2025-3) for 28 day results

| Date | Fineness Specific Surface (m ² /kg) | Setting Time Initial (mins) | Soundness Expansion (mm) | Compressive Strength | | | Chloride % | Alkali | |
|-----------|--|-----------------------------------|--------------------------------|-----------------------------------|--------------------------------|---------------------------------|---------------|---|-----------------------|
| | | | | 40mm x 40mm x 160mm Mortar prisms | | | | Certified Average Alkali % Na ₂ O eq | Standard Deviation |
| | | | | 2 Days (N/mm ²) | 7 Days (N/mm ²) | 28 Days (N/mm ²) | | | |
| 10-Feb-25 | 435 | 165 | 1 | 28.5 | 44.5 | | 0.04 | 0.54 | 0.03 |
| 11-Feb-25 | 440 | 160 | | 30.5 | 48.5 | | 0.04 | 0.54 | 0.03 |
| 13-Feb-25 | 445 | 175 | | 31.0 | 47.5 | | 0.04 | 0.54 | 0.03 |
| 14-Feb-25 | 450 | 160 | | 30.5 | 50.5 | | 0.04 | 0.54 | 0.03 |
| Average | 445 | 165 | | 30.0 | 48.0 | | 0.04 | | 0.03 |
| 20-Jan-25 | 460 | 150 | 1 | 30.5 | 49.0 | 59.5 | 0.04 | 0.52 | 0.02 |
| 21-Jan-25 | 440 | 140 | | 31.0 | 52.0 | 59.5 | 0.04 | 0.52 | 0.02 |
| 23-Jan-25 | 450 | 175 | 1 | 32.5 | 50.5 | 62.5 | 0.04 | 0.52 | 0.02 |
| 24-Jan-25 | 450 | 150 | | 30.5 | 51.0 | 61.0 | 0.04 | 0.52 | 0.02 |
| Average | 450 | 155 | 1 | 31.0 | 50.5 | 60.5 | 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
 National Technical Manager
 Heidelberg Materials UK

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