



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

07-Jan-24 (Week No. 2024-1)

17-Dec-23 (Week No. 2023-50) 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) | | | |
| 02-Jan-24 | 465 | 180 | 1 | 30.0 | 48.0 | | 0.04 | 0.60 | 0.04 |
| 03-Jan-24 | 450 | 175 | 0 | 29.0 | 49.0 | | 0.04 | 0.60 | 0.04 |
| 04-Jan-24 | 435 | 170 | 0 | 29.0 | 49.0 | | 0.04 | 0.60 | 0.04 |
| 05-Jan-24 | 440 | 170 | 0 | 30.0 | 46.5 | | 0.04 | 0.61 | 0.04 |
| Average | 450 | 175 | 0 | 29.5 | 48.0 | | 0.04 | | 0.04 |
| 11-Dec-23 | 430 | 195 | 0 | 27.0 | 47.0 | 61.0 | 0.04 | 0.62 | 0.03 |
| 12-Dec-23 | 445 | 180 | 1 | 33.0 | 50.0 | 60.0 | 0.04 | 0.62 | 0.03 |
| 14-Dec-23 | 415 | 175 | 1 | 30.5 | 50.5 | 64.0 | 0.04 | 0.61 | 0.03 |
| 15-Dec-23 | 425 | 175 | 1 | 30.5 | 51.5 | 63.5 | 0.04 | 0.61 | 0.03 |
| Average | 430 | 180 | 1 | 30.5 | 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, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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