



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

23-Jun-24 (Week No. 2024-25)
 02-Jun-24 (Week No. 2024-22) 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) | | | |
| 17-Jun-24 | 430 | 170 | 2 | 30.0 | 49.0 | | 0.05 | 0.57 | 0.03 |
| 18-Jun-24 | 430 | 160 | | 29.5 | 48.0 | | 0.05 | 0.57 | 0.03 |
| 19-Jun-24 | 430 | 150 | | 29.5 | 47.5 | | 0.05 | 0.57 | 0.03 |
| 21-Jun-24 | 440 | 155 | | 29.0 | 44.5 | | 0.06 | 0.57 | 0.03 |
| Average | 435 | 160 | 1 | 29.5 | 47.5 | | 0.05 | | 0.03 |
| 27-May-24 | 420 | 190 | | 29.5 | 50.5 | 57.0 | 0.04 | 0.57 | 0.04 |
| 28-May-24 | 435 | 180 | 2 | 29.5 | 51.5 | 57.5 | 0.04 | 0.56 | 0.04 |
| 30-May-24 | 435 | 160 | | 31.0 | 49.5 | 61.5 | 0.04 | 0.56 | 0.03 |
| 31-May-24 | 430 | 165 | | 28.0 | 47.0 | 58.5 | 0.04 | 0.56 | 0.03 |
| Average | 430 | 175 | 1 | 29.5 | 49.5 | 58.5 | 0.04 | | 0.04 |

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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