



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Padeswood Works
 1333-CPR-00121



Cement Test Report

Heidelberg Materials UK
 Ketton
 Stamford
 PE9 3SX
 Tel: 0330 123 2074
 Fax: 01780 727008

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

30-Jun-24 (Week No. 2024-26)

09-Jun-24 (Week No. 2024-23) 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) | | | |
| 24-Jun-24 | 430 | 195 | 0 | 24.5 | 43.0 | | 0.05 | 0.57 | 0.03 |
| 25-Jun-24 | 415 | 150 | | 33.5 | 51.5 | | 0.05 | 0.57 | 0.02 |
| 27-Jun-24 | 435 | 145 | | 33.5 | 48.5 | | 0.05 | 0.57 | 0.03 |
| 28-Jun-24 | 445 | 185 | | 28.0 | 43.5 | | 0.05 | 0.56 | 0.03 |
| Average | 430 | 170 | | 30.0 | 46.5 | | 0.05 | | 0.03 |
| 03-Jun-24 | 425 | 165 | 1 | 28.5 | 51.5 | 60.5 | 0.04 | 0.56 | 0.03 |
| 04-Jun-24 | 440 | 160 | | 29.5 | 51.0 | 59.5 | 0.04 | 0.56 | 0.03 |
| 06-Jun-24 | 445 | 175 | | 31.0 | 54.0 | 61.5 | 0.05 | 0.56 | 0.03 |
| 07-Jun-24 | 425 | 175 | | 28.5 | 48.0 | 59.0 | 0.05 | 0.56 | 0.03 |
| Average | 435 | 170 | 1 | 29.5 | 51.0 | 60.0 | 0.05 | | 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, MICT
 National Technical Manager
 Heidelberg Materials UK

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.