



Heidelberg Materials UK
 Second Floor, Arena Court, Crown Lane
 Maidenhead, Berkshire, SL6 8QZ
 Ketton Works
 1333-CPR-00254



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
 Ketton PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ketton during week ending 02-Jun-24 (Week No. 2024-22)
 and during week ending 12-May-24 (Week No. 2024-19) 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) | | | |
| 28-May-24 | 530 | 170 | 0 | 34.5 | 52.5 | | 0.04 | 0.61 | 0.03 |
| 30-May-24 | 540 | 205 | | 33.5 | 49.0 | | 0.04 | 0.61 | 0.03 |
| Average | 535 | 190 | | 34.0 | 51.0 | | 0.04 | | 0.03 |
| 07-May-24 | 430 | 180 | 1 | 32.5 | 50.0 | 59.5 | 0.05 | 0.63 | 0.03 |
| 09-May-24 | 550 | 190 | | 33.0 | 49.0 | 61.5 | 0.04 | 0.63 | 0.03 |
| Average | 490 | 185 | 1 | 33.0 | 49.5 | 60.5 | 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, MICT
 National Technical Manager
 Heidelberg Materials UK

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