



Heidelberg Materials UK
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Ketton Works
1333-CPR-00254



Cement Test Report

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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
and during week ending

12-Nov-23 (Week No. 2023-45)
22-Oct-23 (Week No. 2023-42) for 28 day results

| Date | Fineness | Setting Time | Soundness | Compressive Strength | | | Chloride | Alkali | |
|-----------|-----------------------------|-------------------|-------------------|-----------------------------------|-------------------|--------------------|----------|--|-----------------------|
| | Specific Surface (m²/kg) | Initial (mins) | Expansion (mm) | 40mm x 40mm x 160mm Mortar prisms | | | % | Certified Average Alkali % Na₂O eq | Standard Deviation |
| | | | | 2 Days (N/mm²) | 7 Days (N/mm²) | 28 Days (N/mm²) | | | |
| 06-Nov-23 | 545 | 170 | 0 | 37.5 | 52.5 | | 0.05 | 0.67 | 0.02 |
| 08-Nov-23 | 525 | 180 | 1 | 33.0 | 50.5 | | 0.05 | 0.67 | 0.02 |
| | | | | | | | | | |
| Average | 535 | 175 | 1 | 35.5 | 51.5 | | 0.05 | | 0.02 |
| 16-Oct-23 | 555 | 170 | 0 | 34.5 | 48.0 | 60.5 | 0.05 | 0.66 | 0.01 |
| 18-Oct-23 | 565 | 165 | 1 | 34.5 | 46.5 | 57.0 | 0.05 | 0.66 | 0.01 |
| | | | | | | | | | |
| Average | 560 | 170 | 1 | 34.5 | 47.5 | 59.0 | 0.05 | | 0.01 |

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
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