



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
and during week ending

05-Nov-23 (Week No. 2023-44)
15-Oct-23 (Week No. 2023-41) 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)			
30-Oct-23	535	170	1	32.5	46.5		0.05	0.67	0.02
01-Nov-23	555	175	1	35.5	50.5		0.05	0.67	0.02
Average	545	175	1	34.0	48.5		0.05		0.02
09-Oct-23	560	165	0	34.0	48.0	55.0	0.05	0.66	0.01
11-Oct-23	540	180	1	32.0	45.0	55.5	0.05	0.67	0.01
Average	550	175	1	33.0	46.5	55.5	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
Heidelberg Materials UK

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