



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

08-Oct-23 (Week No. 2023-40)
17-Sep-23 (Week No. 2023-37) 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)			
02-Oct-23	545	165	1	33.5	47.0		0.05	0.66	0.02
04-Oct-23	550	160	0	33.5	48.0		0.05	0.66	0.02
Average	550	165	1	33.5	47.5		0.05		0.02
11-Sep-23	540	185	0	30.0	44.5	55.5	0.05	0.65	0.02
13-Sep-23	535	170	0	30.5	44.5	56.5	0.05	0.65	0.02
Average	540	180	0	30.5	44.5	56.0	0.05		0.02

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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