



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

17-Dec-23 (Week No. 2023-50)
26-Nov-23 (Week No. 2023-47) 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)			
11-Dec-23	530	175	0	34.0	49.5		0.04	0.67	0.02
13-Dec-23	525	180	1	33.5	48.5		0.04	0.67	0.03
Average	530	180	1	34.0	49.0		0.04		0.03
20-Nov-23	505	205	0	35.0	51.5	61.5	0.05	0.67	0.02
22-Nov-23	485	190	0	34.0	52.5	62.0	0.05	0.67	0.02
Average	495	200	0	34.5	52.0	62.0	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
Heidelberg Materials UK

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