



Heidelberg Materials UK
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Ketton Works
1333-CPR-00254



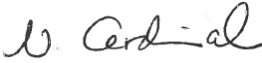
Cement Test Report

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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 29-Sep-24 (Week No. 2024-39)
and during week ending 08-Sep-24 (Week No. 2024-36) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
23-Sep-24	520	200	0	35.0	48.5		0.05	0.62	0.03
25-Sep-24	535	190		36.5	47.0		0.05	0.62	0.03
Average	530	195		36.0	48.0		0.05		0.03
02-Sep-24	500	195	1	35.0	48.0	62.0	0.05	0.61	0.02
04-Sep-24	515	175		34.0	47.5	58.5	0.05	0.61	0.02
Average	510	185	1	34.5	48.0	60.5	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, MICT
National Technical Manager
Heidelberg Materials UK

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