Heidelberg Materials UK

Second Floor, Arena Court, Crown Lane

Maidenhead, Berkshire, SL6 8QZ

Ketton Works

1333-CPR-00254

UK CA

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![Heidelberg Materials]

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	20-Oct-24 (Week No. 2024-42)	
and during week ending	29-Sep-24 (Week No. 2024-39) 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)			
14-Oct-24	525	190	1	33.5	48.0		0.05	0.63	0.03
16-Oct-24	490	205		34.0	49.5		0.05	0.63	0.03
Average	510	200	1	34.0	49.0		0.05		0.03
23-Sep-24	520	200		35.0	48.5	60.5	0.05	0.62	0.03
25-Sep-24	535	190		36.5	47.0	59.0	0.05	0.62	0.03
Average	530	195		36.0	48.0	60.0	0.05		0.03

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