



Heidelberg Materials UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Ketton Works
1333-CPR-00122



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 PC, BS EN 197-1:2011 - CEM I 52,5N

Dispatched from Ketton during week ending
and during week ending

29-Sep-24 (Week No. 2024-39)
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	445	165	1	32.0	47.0		0.06	0.65	0.02
24-Sep-24	450	180		28.5	45.5		0.05	0.65	0.02
25-Sep-24	445	170		30.0	47.0		0.06	0.65	0.03
27-Sep-24	450	170		29.5	48.0		0.06	0.64	0.02
Average	450	170		30.0	47.0		0.06		0.02
02-Sep-24	435	150	1	29.5	47.5	57.5	0.05	0.64	0.02
03-Sep-24	445	140		31.5	51.0	62.0	0.05	0.64	0.02
04-Sep-24	450	145		32.5	48.0	59.5	0.05	0.64	0.02
06-Sep-24	465	160		32.0	48.5	57.5	0.05	0.64	0.02
Average	450	150		31.5	49.0	59.0	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, MICT
National Technical Manager
Heidelberg Materials UK

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