



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 08-Sep-24 (Week No. 2024-36)
 and during week ending 18-Aug-24 (Week No. 2024-33) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
02-Sep-24	435	150	1	29.5	47.5		0.05	0.64	0.02
03-Sep-24	445	140		31.5	51.0		0.05	0.64	0.02
04-Sep-24	450	145		32.5	48.0		0.05	0.64	0.02
06-Sep-24	465	160		32.0	48.5		0.05	0.64	0.02
Average	450	150		31.5	49.0		0.05		0.02
12-Aug-24	435	130	1	32.5	52.5	62.5	0.05	0.65	0.02
13-Aug-24	415	150		30.5	50.0	62.5	0.05	0.65	0.02
14-Aug-24	440	155		32.5	48.0	59.5	0.05	0.65	0.02
16-Aug-24	440	160		28.0	46.0	56.5	0.05	0.65	0.02
Average	435	150		31.0	49.0	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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