



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

27-Oct-24 (Week No. 2024-43 )

06-Oct-24 (Week No. 2024-40 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
21-Oct-24	435	160	0	31.5	49.5		0.05	0.65	0.03
22-Oct-24	435	185		32.0	53.5		0.05	0.65	0.03
23-Oct-24	400	195		31.0	48.5		0.05	0.65	0.03
25-Oct-24	440	190		33.0	49.0		0.05	0.65	0.03
Average	430	185		32.0	50.0		0.05		0.03
30-Sep-24	440	160	1	31.5	48.0	59.5	0.06	0.65	0.02
01-Oct-24	440	155		32.0	47.0	60.0	0.06	0.65	0.02
02-Oct-24	445	170		29.0	46.0	57.0	0.06	0.65	0.02
04-Oct-24	450	160		31.0	47.0	58.5	0.05	0.65	0.03
Average	445	160	1	31.0	47.0	59.0	0.06		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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