



Heidelberg Materials UK  
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 Maidenhead, Berkshire, SL6 8QZ  
 Ketton Works  
 1333-CPR-00122



## Cement Test Report

Heidelberg Materials UK  
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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

02-Feb-25 (Week No. 2025-4 )

12-Jan-25 (Week No. 2025-1 ) 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> )			
27-Jan-25	435	165	0	30.0	48.0		0.04	0.70	0.03
28-Jan-25	430	175		30.5	45.5		0.04	0.70	0.03
29-Jan-25	420	175		30.0	49.5		0.04	0.70	0.03
31-Jan-25	430	165		29.0	50.0		0.04	0.70	0.03
Average	430	170		30.0	48.5		0.04		0.03
06-Jan-25	400	150	0	30.5	49.0	66.0	0.04	0.72	0.01
07-Jan-25	425	165		27.5	48.5	61.0	0.04	0.72	0.02
08-Jan-25	410	165		27.5	47.0	60.0	0.04	0.72	0.02
10-Jan-25	435	170		33.0	51.0	62.0	0.04	0.72	0.02
Average	420	165		29.5	49.0	62.5	0.04		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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