



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

31-Dec-23 (Week No. 2023-52 )

10-Dec-23 (Week No. 2023-49 ) 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> )			
Average									
04-Dec-23	490	165	1	33.0	51.5	61.5	0.05	0.71	0.02
05-Dec-23	470	170	1	31.0	51.5	62.5	0.05	0.71	0.02
06-Dec-23	475	165	1	33.5	49.5	57.5	0.05	0.71	0.02
08-Dec-23	475	160	1	31.5	49.0	60.0	0.04	0.71	0.02
Average	480	165	1	32.5	50.5	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, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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