



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



## Cement Test Report

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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

18-Aug-24 (Week No. 2024-33 )

28-Jul-24 (Week No. 2024-30 ) 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> )			
12-Aug-24	435	130	1	32.5	52.5		0.05	0.65	0.02
13-Aug-24	415	150		30.5	50.0		0.05	0.65	0.02
14-Aug-24	440	155		32.5	48.0		0.05	0.65	0.02
16-Aug-24	440	160		28.0	46.0		0.05	0.65	0.02
Average	435	150		31.0	49.0		0.05		0.02
22-Jul-24	450	140	1	32.0	47.0	60.5	0.05	0.65	0.02
23-Jul-24	455	160		30.0	47.0	58.0	0.05	0.65	0.02
24-Jul-24	460	135		31.0	48.0	60.0	0.05	0.65	0.01
26-Jul-24	455	150		32.0	48.5	61.0	0.05	0.65	0.01
Average	455	145		31.5	47.5	60.0	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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