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 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 12-Nov-23 (Week No. 2023-45 )  
 and during week ending 22-Oct-23 (Week No. 2023-42 ) 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> )			
06-Nov-23	440	150	0	32.5	47.0		0.05	0.71	0.02
07-Nov-23	470	170	0	30.5	47.5		0.05	0.71	0.02
08-Nov-23	470	160	1	32.0	47.0		0.05	0.71	0.02
10-Nov-23	455	155	1	32.0	49.5		0.05	0.71	0.02
Average	460	160	1	32.0	48.0		0.05		0.02
16-Oct-23	465	140	1	31.5	49.5	62.0	0.05	0.70	0.02
17-Oct-23	460	145	0	32.5	49.0	58.5	0.05	0.71	0.02
18-Oct-23	465	150	1	32.0	49.0	61.0	0.05	0.71	0.02
20-Oct-23	470	165	1	31.0	46.5	58.5	0.05	0.71	0.02
Average	465	150	1	32.0	48.5	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, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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