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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 17-Mar-24 (Week No. 2024-11 )  
 and during week ending 25-Feb-24 (Week No. 2024-8 ) 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> )			
11-Mar-24	460	175	1	30.0	49.0		0.05	0.69	0.02
12-Mar-24	470	165		32.5	50.5		0.05	0.68	0.02
13-Mar-24	475	160		32.0	49.5		0.05	0.68	0.02
15-Mar-24	490	150		31.0	48.5		0.05	0.68	0.02
Average	475	165	1	31.5	49.5		0.05		0.02
19-Feb-24	460	170	1	31.0	49.0	61.0	0.05	0.71	0.03
20-Feb-24	460	180		28.5	47.5	60.0	0.05	0.71	0.03
21-Feb-24	460	165		30.5	50.0	65.5	0.05	0.71	0.03
23-Feb-24	475	145		32.0	49.5	62.0	0.05	0.71	0.03
Average	465	165		30.5	49.0	62.0	0.05		0.03

**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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