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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-May-24 (Week No. 2024-19 )  
 and during week ending 21-Apr-24 (Week No. 2024-16 ) 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> )			
07-May-24	480	155	1	32.0	53.0		0.05	0.66	0.03
08-May-24	480	160		31.5	50.0		0.05	0.65	0.03
09-May-24	465	165		30.5	49.5		0.05	0.66	0.03
10-May-24	470	155		32.0	50.5		0.05	0.65	0.03
Average	475	160		31.5	51.0		0.05		0.03
15-Apr-24	460	160	0	31.0	50.5	61.0	0.04	0.66	0.03
16-Apr-24	460	165		31.5	48.5	60.0	0.04	0.66	0.03
17-Apr-24	470	175		31.5	47.5	58.5	0.04	0.66	0.03
19-Apr-24	480	180		32.0	48.5	59.5	0.04	0.66	0.03
Average	470	170		31.5	49.0	60.0	0.04		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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