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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 26-May-24 (Week No. 2024-21 )  
 and during week ending 05-May-24 (Week No. 2024-18 ) 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> )			
20-May-24	450	160	1	32.0	47.5		0.05	0.66	0.03
21-May-24	455	155		31.0	49.0		0.05	0.66	0.03
22-May-24	450	160		30.5	48.5		0.05	0.65	0.03
24-May-24	455	145		30.5	50.0		0.05	0.65	0.03
Average	455	155		31.0	49.0		0.05		0.03
29-Apr-24	460	195	1	31.5	50.0	61.0	0.04	0.66	0.03
30-Apr-24	465	160		29.5	47.0	60.0	0.05	0.66	0.03
01-May-24	465	160		32.5	47.5	61.0	0.04	0.66	0.03
03-May-24	470	165		29.5	48.0	60.0	0.05	0.66	0.03
Average	465	170	1	31.0	48.0	60.5	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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