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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 15-Dec-24 (Week No. 2024-50 )  
 and during week ending 24-Nov-24 (Week No. 2024-47 ) 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> )			
09-Dec-24	425	145	0	30.0	50.5		0.04	0.71	0.03
10-Dec-24	415	165		31.0	52.0		0.04	0.71	0.03
11-Dec-24	425	170		31.0	51.5		0.04	0.71	0.03
13-Dec-24	430	165		29.5	48.5		0.04	0.71	0.02
Average	425	160		30.5	50.5		0.04		0.03
18-Nov-24	415	155	1	33.0	50.5	66.5	0.04	0.67	0.04
19-Nov-24	410	170		31.0	48.5	64.0	0.04	0.67	0.04
20-Nov-24	425	165		31.5	49.5	64.0	0.04	0.68	0.04
22-Nov-24	425	190		30.5	50.0	57.5	0.04	0.68	0.04
Average	420	170		31.5	49.5	63.0	0.04		0.04

**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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