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 Ketton Works  
 1333-CPR-00254



## Cement Test Report

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Results of tests made at the laboratories of the company on samples of  
 Ketton PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

Dispatched from Ketton during week ending 13-Oct-24 (Week No. 2024-41 )  
 and during week ending 22-Sep-24 (Week No. 2024-38 ) 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> )			
7-Oct-24	510	185	0	35.0	49.5		0.05	0.62	0.03
9-Oct-24	505	190		34.5	50.5		0.05	0.63	0.03
Average	510	190		35.0	50.0		0.05		0.03
16-Sep-24	510	195	1	37.0	54.0	62.5	0.05	0.62	0.03
18-Sep-24	510	200		34.5	51.0	61.0	0.05	0.62	0.03
Average	510	200	1	36.0	52.5	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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