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 Ketton Works  
 1333-CPR-00254



## Cement Test Report

Heidelberg Materials UK  
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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  
 and during week ending

29-Oct-23 (Week No. 2023-43 )  
 08-Oct-23 (Week No. 2023-40 ) 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> )			
23-Oct-23	555	160	0	32.5	45.5		0.05	0.66	0.01
25-Oct-23	565	170	2	32.5	45.5		0.05	0.66	0.01
Average	560	165	1	32.5	45.5		0.05		0.01
02-Oct-23	545	165	1	33.5	47.0	57.5	0.05	0.66	0.02
04-Oct-23	550	160	0	33.5	48.0	57.0	0.05	0.66	0.02
Average	550	165	1	33.5	47.5	57.5	0.05		0.02

**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, MiMMM  
 National Technical Manager  
 Heidelberg Materials UK

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