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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  
 and during week ending

18-Feb-24 (Week No. 2024-7 )  
 28-Jan-24 (Week No. 2024-4 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength 40mm x 40mm x 160mm Mortar prisms			Chloride %	Alkali	
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )		Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
13-Feb-24	460	185		30.5	52.0		0.05	0.70	0.03
14-Feb-24	475	185		28.5	49.5		0.05	0.71	0.03
16-Feb-24	455	180		31.0	48.5		0.05	0.71	0.03
Average	465	180		30.0	50.0		0.05		0.03
22-Jan-24	435	125	1	32.0	46.5	65.0	0.05	0.69	0.03
23-Jan-24	430	130		32.0	51.5	65.5	0.05	0.69	0.04
24-Jan-24	480	190		33.5	51.0	63.0	0.05	0.69	0.04
26-Jan-24	430	140		30.5	50.0	64.5	0.05	0.70	0.04
Average	445	145	1	32.0	50.0	64.5	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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