



Heidelberg Materials UK
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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

07-Jan-24 (Week No. 2024-1)
 17-Dec-23 (Week No. 2023-50) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
02-Jan-24	470	135	2	34.5	49.5		0.05	0.69	0.03
03-Jan-24	470	150	0	34.0	53.5		0.05	0.69	0.02
04-Jan-24	460	170	0	31.0	49.0		0.05	0.69	0.02
05-Jan-24	460	150	0	33.0	51.5		0.05	0.68	0.02
Average	465	150	1	33.0	51.0		0.05		0.02
11-Dec-23	485	170	1	33.0	50.0	62.0	0.05	0.71	0.03
12-Dec-23	460	145	1	33.0	50.5	61.0	0.05	0.70	0.03
13-Dec-23	485	150	0	33.0	50.5	64.0	0.05	0.70	0.03
15-Dec-23	470	165	1	32.5	50.0	63.5	0.05	0.70	0.02
Average	475	160	1	33.0	50.5	62.5	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, MiMMM
 National Technical Manager
 Heidelberg Materials UK

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