



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

4-Feb-24 (Week No. 2024-5)
 14-Jan-24 (Week No. 2024-2) 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)			
29-Jan-24	475	165	1	32.0	50.5		0.05	0.70	0.04
30-Jan-24	465	165	0	33.0	51.0		0.05	0.70	0.04
31-Jan-24	475	155	0	31.5	46.5		0.05	0.70	0.04
2-Feb-24	450	165	0	28.5	46.5		0.05	0.70	0.04
Average	465	165	0	31.5	48.5		0.05		0.04
8-Jan-24	460	165	1	32.0	52.5	58.5	0.05	0.68	0.02
9-Jan-24	470	155	0	34.0	52.0	60.5	0.05	0.68	0.02
10-Jan-24	470	155	0	34.0	51.0	61.5	0.05	0.68	0.02
12-Jan-24	440	145	0	30.0	52.0	62.5	0.05	0.68	0.02
Average	460	155	0	32.5	52.0	61.0	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, MICT
 National Technical Manager
 Heidelberg Materials UK

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