



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

20-Oct-24 (Week No. 2024-42)
 29-Sep-24 (Week No. 2024-39) 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)			
14-Oct-24	425	160	1	28.5	47.0		0.05	0.65	0.03
15-Oct-24	440	185		29.0	47.5		0.05	0.65	0.03
16-Oct-24	425	190		29.5	49.0		0.05	0.65	0.03
18-Oct-24	445	175		30.0	48.0		0.05	0.65	0.03
Average	435	180		29.5	48.0		0.05		0.03
23-Sep-24	445	165	1	32.0	47.0	59.5	0.06	0.65	0.02
24-Sep-24	450	180		28.5	45.5	61.0	0.06	0.65	0.02
25-Sep-24	445	170		30.0	47.0	59.5	0.06	0.65	0.02
27-Sep-24	450	170		29.5	48.0	58.5	0.06	0.65	0.02
Average	450	170		30.0	47.0	59.5	0.06		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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