



Heidelberg Materials UK
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Ketton Works
1333-CPR-00122



Cement Test Report

Heidelberg Materials UK
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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

22-Oct-23 (Week No. 2023-42)
01-Oct-23 (Week No. 2023-39) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	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)			
16-Oct-23	465	140	1	31.5	49.5		0.05	0.70	0.02
17-Oct-23	460	145	0	32.5	49.0		0.05	0.71	0.02
18-Oct-23	465	150	1	32.0	49.0		0.05	0.71	0.02
20-Oct-23	470	165	1	31.0	46.5		0.05	0.71	0.02
Average	465	150	1	32.0	48.5		0.05		0.02
25-Sep-23	455	145	0	33.0	48.0	61.0	0.06	0.71	0.02
26-Sep-23	460	155	1	34.0	47.5	59.0	0.06	0.71	0.02
27-Sep-23	450	145	1	32.0	50.5	61.0	0.06	0.71	0.02
29-Sep-23	470	145	2	33.0	51.5	60.0	0.06	0.71	0.02
Average	460	150	1	33.0	49.5	60.5	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, MiMMM
National Technical Manager
Heidelberg Materials UK

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