



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

08-Oct-23 (Week No. 2023-40)
17-Sep-23 (Week No. 2023-37) 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)			
02-Oct-23	475	145	1	32.0	49.0		0.06	0.71	0.02
03-Oct-23	460	150	0	32.0	48.5		0.06	0.71	0.02
04-Oct-23	455	150	1	32.5	46.5		0.06	0.71	0.02
06-Oct-23	455	140	0	30.5	48.5		0.06	0.71	0.02
Average	460	145	1	32.0	48.0		0.06		0.02
11-Sep-23	450	160	0	31.5	46.5	59.5	0.06	0.71	0.02
12-Sep-23	470	145	1	31.5	50.0	64.5	0.06	0.71	0.02
13-Sep-23	435	140	0	32.5	47.0	59.5	0.06	0.71	0.02
15-Sep-23	455	140	0	32.5	48.5	60.5	0.06	0.71	0.02
Average	455	145	0	32.0	48.0	61.0	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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