



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

05-Nov-23 (Week No. 2023-44)
15-Oct-23 (Week No. 2023-41) 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)			
30-Oct-23	445	150	0	32.0	48.0		0.05	0.71	0.02
31-Oct-23	455	160	1	31.0	47.0		0.05	0.71	0.02
01-Nov-23	455	160	1	31.5	48.0		0.05	0.71	0.02
03-Nov-23	460	145	1	32.0	47.0		0.05	0.71	0.02
Average	455	155	1	31.5	47.5		0.05		0.02
09-Oct-23	445	145	0	32.0	46.5	56.0	0.06	0.71	0.02
10-Oct-23	455	165	1	30.5	48.5	60.0	0.06	0.71	0.02
11-Oct-23	450	160	0	31.0	47.5	58.0	0.05	0.71	0.02
13-Oct-23	450	155	1	32.5	49.5	58.5	0.05	0.71	0.02
Average	450	155	1	31.5	48.0	58.0	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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