



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

17-Dec-23 (Week No. 2023-50)
26-Nov-23 (Week No. 2023-47) 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)			
11-Dec-23	485	170	1	33.0	50.0		0.05	0.71	0.03
12-Dec-23	460	145	1	33.0	54.5		0.05	0.70	0.03
13-Dec-23	485	150	0	33.0	50.5		0.05	0.70	0.03
15-Dec-23	470	165	1	32.5	50.0		0.05	0.70	0.02
Average	475	160	1	33.0	51.5		0.05		0.03
20-Nov-23	455	190	0	33.0	52.0	63.5	0.05	0.71	0.02
21-Nov-23	475	160	1	33.0	52.0	63.5	0.05	0.71	0.02
22-Nov-23	470	165	1	35.5	52.0	62.0	0.05	0.72	0.02
24-Nov-23	470	175	0	34.0	48.0	61.0	0.05	0.72	0.02
Average	470	175	1	34.0	51.0	62.5	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, MiMMM
National Technical Manager
Heidelberg Materials UK

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