



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

25-May-25 (Week No. 2025-20)
04-May-25 (Week No. 2025-17) 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)			
19-May-25	430	155	0	31.0	49.5		0.04	0.71	0.01
20-May-25	430	170		30.5	49.0		0.04	0.71	0.01
21-May-25	420	150		29.0	47.0		0.04	0.71	0.01
23-May-25	445	175		30.0	47.5		0.04	0.71	0.01
Average	430	165		30.0	48.5		0.04		0.01
28-Apr-25	445	175	1	31.5	49.0	62.5	0.04	0.71	0.02
29-Apr-25	445	195		32.5	50.5	62.0	0.04	0.71	0.02
30-Apr-25	440	190		31.0	49.0	60.0	0.04	0.71	0.02
02-May-25	435	180		28.5	49.0	58.0	0.04	0.71	0.02
Average	440	185		31.0	49.5	60.5	0.04		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
Technical Strategy Director
Heidelberg Materials UK

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