



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

16-Mar-25 (Week No. 2025-10)
23-Feb-25 (Week No. 2025-7) 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)			
10-Mar-25	440	165	1	31.0	51.5		0.04	0.67	0.02
11-Mar-25	410	165		27.5	49.0		0.04	0.67	0.02
12-Mar-25	415	155		28.5	47.0		0.04	0.67	0.02
14-Mar-25	415	155		28.5	48.5		0.04	0.67	0.02
Average	420	160		29.0	49.0		0.04		0.02
17-Feb-25	425	180	1	31.0	49.5	59.5	0.04	0.68	0.02
18-Feb-25	440	180		31.5	47.5	62.5	0.04	0.68	0.02
19-Feb-25	430	180		32.0	50.5	62.5	0.04	0.68	0.02
21-Feb-25	450	205		33.5	51.0	61.5	0.04	0.68	0.02
Average	435	185		32.0	49.5	61.5	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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