



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

09-Mar-25 (Week No. 2025-9)
16-Feb-25 (Week No. 2025-6) 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)			
03-Mar-25	425	195	0	29.5	47.0		0.04	0.67	0.02
04-Mar-25	440	185		31.5	50.5		0.04	0.67	0.02
05-Mar-25	430	185		32.5	49.5		0.04	0.67	0.02
07-Mar-25	420	185		32.5	52.5		0.04	0.67	0.02
Average	430	190		31.5	50.0		0.04		0.02
10-Feb-25	440	175	0	30.0	50.5	63.0	0.04	0.69	0.03
11-Feb-25	415	165		31.5	50.5	64.5	0.04	0.69	0.03
12-Feb-25	395	160		30.0	51.0	66.0	0.04	0.68	0.03
14-Feb-25	440	160		31.5	51.0	65.5	0.04	0.68	0.02
Average	425	165		31.0	51.0	65.0	0.04		0.03

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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