



Heidelberg Materials UK
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Ketton Works
1333-CPR-00122



Cement Test Report

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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

23-Feb-25 (Week No. 2025-7)
02-Feb-25 (Week No. 2025-4) 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)			
17-Feb-25	425	180	1	31.0	49.5		0.04	0.68	0.02
18-Feb-25	440	180		31.5	47.5		0.04	0.68	0.02
19-Feb-25	430	180		32.0	50.5		0.04	0.68	0.02
21-Feb-25	450	205		33.5	51.0		0.04	0.68	0.02
Average	435	185		32.0	49.5		0.04		0.02
27-Jan-25	435	165	0	30.0	48.0	57.0	0.04	0.70	0.03
28-Jan-25	430	175		30.5	45.5	60.5	0.04	0.70	0.03
29-Jan-25	420	175		30.0	49.5	60.5	0.04	0.70	0.03
31-Jan-25	430	165		29.0	50.0	61.5	0.04	0.70	0.03
Average	430	170		30.0	48.5	60.0	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
National Technical Manager
Heidelberg Materials UK

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