



Cement Test Report

Heidelberg Materials
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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 04-Jan-26 (Week No. 2025-52)

and during week ending 14-Dec-25 (Week No. 2025-49) 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	2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)	%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
Average														
08-Dec-25	445	170	0	34.5		53.0	67.0	0.04	0.64	0.03				
09-Dec-25	440	170		34.0		54.0	68.5	0.04	0.64	0.03				
10-Dec-25	445	175		32.5		53.0	65.5	0.04	0.64	0.03				
12-Dec-25	460	165		33.5		53.5	65.0	0.04	0.63	0.03				
Average	450	170		33.5		53.5	66.5	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

N. Cardinal

Dr Nina Cardinal, Dipl.Ing., CEng, MICT

Technical Strategy Director

Heidelberg Materials UK

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