



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

12-Oct-25 (Week No. 2025-40)
21-Sep-25 (Week No. 2025-37) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m²/kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na₂O eq	Standard Deviation
				2 Days (N/mm²)	7 Days (N/mm²)	28 Days (N/mm²)			
06-Oct-25	435	160	0	34.5	51.5		0.04	0.66	0.04
07-Oct-25	445			33.5	50.5		0.04	0.66	0.04
08-Oct-25	465	130		35.5	52.5		0.04	0.66	0.04
10-Oct-25	455			33.0	48.0		0.04	0.66	0.04
Average	450			34.0	50.5		0.04		0.04
15-Sep-25	455	140	1	29.5	49.5	64.5	0.04	0.64	0.06
16-Sep-25	455			28.5	45.5	59.0	0.04	0.63	0.06
17-Sep-25	460	160		30.0	50.5	62.0	0.04	0.63	0.06
19-Sep-25	455			28.5	47.0	59.5	0.04	0.63	0.06
Average	455			29.0	48.0	61.5	0.04		0.06

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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