



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

19-Oct-25 (Week No. 2025-41)
28-Sep-25 (Week No. 2025-38) 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)			
13-Oct-25	450	150	0	30.0	46.5		0.04	0.66	0.04
14-Oct-25	440			32.5	49.0		0.05	0.66	0.04
15-Oct-25	450			32.5	51.0		0.05	0.66	0.04
17-Oct-25	440			31.5	47.0		0.05	0.66	0.04
Average	445			31.5	48.5		0.05		0.04
22-Sep-25	460	170	0	32.0	53.0	64.0	0.04	0.64	0.05
23-Sep-25	440			31.5	48.5	64.0	0.04	0.64	0.05
24-Sep-25	445			31.0	50.5	63.0	0.04	0.65	0.05
26-Sep-25	445			31.5	48.5	60.5	0.04	0.65	0.04
Average	450			31.5	50.0	63.0	0.04		0.05

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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