



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

21-Sep-25 (Week No. 2025-37)
31-Aug-25 (Week No. 2025-34) 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)			
15-Sep-25	455	140	1	29.5	49.5		0.04	0.64	0.06
16-Sep-25	455	160		28.5	45.5		0.04	0.63	0.06
17-Sep-25	460			30.0	50.5		0.04	0.63	0.06
19-Sep-25	455			28.5	47.0		0.04	0.63	0.06
Average	455			29.0	48.0		0.04		0.06
26-Aug-25	445	130	0	32.5	50.0	61.0	0.04	0.66	0.07
27-Aug-25	450	140		30.5	47.0	59.0	0.04	0.66	0.07
28-Aug-25	450			30.5	48.0	59.0	0.04	0.66	0.07
29-Aug-25	435			31.0	48.0	61.5	0.04	0.66	0.07
Average	445			31.0	48.5	60.0	0.04		0.07

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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