



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

05-Oct-25 (Week No. 2025-39)
14-Sep-25 (Week No. 2025-36) 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)			
29-Sep-25	455	140	1	31.0	49.5		0.04	0.66	0.04
30-Sep-25	445			31.5	47.5		0.04	0.66	0.04
01-Oct-25	450	150		30.0	47.0		0.04	0.65	0.04
03-Oct-25	430			31.0	46.5		0.04	0.66	0.04
Average	445			31.0	47.5		0.04		0.04
08-Sep-25	445	120	0	31.0	49.0	63.0	0.04	0.65	0.06
09-Sep-25	455			29.0	47.0	60.5	0.04	0.64	0.06
10-Sep-25	455	160		29.5	46.5	61.5	0.04	0.64	0.06
12-Sep-25	450			28.0	44.5	61.5	0.04	0.64	0.06
Average	450			29.5	47.0	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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