



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

07-Sep-25 (Week No. 2025-35)
17-Aug-25 (Week No. 2025-32) 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)			
01-Sep-25	440	150	1	32.0	50.5		0.04	0.66	0.07
02-Sep-25	440			31.0	51.0		0.04	0.66	0.07
03-Sep-25	430	160		28.5	47.5		0.04	0.66	0.07
05-Sep-25	445			30.0	44.5		0.04	0.65	0.07
Average	440			30.5	48.5		0.04		0.07
11-Aug-25	420	140	1	28.0	49.5	64.5	0.04	0.69	0.05
12-Aug-25	435			29.5	49.0	62.5	0.04	0.68	0.06
13-Aug-25	440	150		29.0	50.0	62.5	0.04	0.68	0.07
15-Aug-25	445			29.5	49.0	63.5	0.04	0.67	0.07
Average	435			29.0	49.5	63.5	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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