



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

03-Aug-25 (Week No. 2025-30)
13-Jul-25 (Week No. 2025-27) 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)			
28-Jul-25	425	140	1	30.0	46.0		0.04	0.71	0.02
29-Jul-25	425			28.0	44.5		0.04	0.71	0.02
30-Jul-25	435	140		31.0	46.0		0.04	0.71	0.02
01-Aug-25	435			29.5	48.5		0.04	0.71	0.02
Average	430			29.5	46.5		0.04		0.02
07-Jul-25	445	165	1	28.5	45.0	57.0	0.04	0.70	0.01
08-Jul-25	440	165		28.5	46.5	59.5	0.04	0.70	0.01
09-Jul-25	425	165		28.5	45.0	57.0	0.04	0.70	0.01
11-Jul-25	435	190		27.5	45.5	58.0	0.04	0.70	0.01
Average	435	170	1	28.5	45.5	58.0	0.04		0.01

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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