



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

27-Jul-25 (Week No. 2025-29)
06-Jul-25 (Week No. 2025-26) 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)			
21-Jul-25	430	165	1	29.5	46.5		0.04	0.70	0.01
22-Jul-25	430	150		28.5	47.5		0.04	0.70	0.02
23-Jul-25	415	145		28.5	47.0		0.04	0.71	0.02
25-Jul-25	420	140		27.0	46.5		0.04	0.71	0.02
Average	425	150		28.5	47.0		0.04		0.02
30-Jun-25	450	160	1	31.0	48.5	59.5	0.04	0.70	0.01
01-Jul-25	435	155		30.0	48.0	59.5	0.04	0.70	0.01
02-Jul-25	450	175		30.0	48.0	60.5	0.04	0.70	0.01
04-Jul-25	450	150		32.5	48.0	60.0	0.04	0.70	0.01
Average	445	160		31.0	48.0	60.0	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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