



Heidelberg Materials UK
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Maidenhead, Berkshire, SL6 8QZ
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

23-Mar-25 (Week No. 2025-11)
02-Mar-25 (Week No. 2025-8) 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)			
17-Mar-25	420	160	0	30.0	48.0		0.04	0.67	0.02
18-Mar-25	430	165		31.5	50.0		0.04	0.67	0.02
19-Mar-25	410	150		31.5	49.5		0.04	0.67	0.02
21-Mar-25	420	180		26.5	44.5		0.04	0.67	0.02
Average	420	165		30.0	48.0		0.04		0.02
24-Feb-25	435	185	2	29.5	52.5	60.0	0.04	0.67	0.02
25-Feb-25	410	155		29.5	51.0	60.5	0.04	0.67	0.02
26-Feb-25	425	160		31.5	52.5	64.5	0.04	0.67	0.02
28-Feb-25	415	165		33.0	50.5	66.0	0.04	0.67	0.02
Average	420	165	1	31.0	51.5	63.0	0.04		0.02

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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