



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

20-Apr-25 (Week No. 2025-15)
30-Mar-25 (Week No. 2025-12) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms			%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
14-Apr-25	410	170	2	30.5	45.5		0.04	0.70	0.03
15-Apr-25	425	170		28.0	48.5		0.04	0.70	0.02
16-Apr-25	415	165		29.5	46.0		0.04	0.70	0.02
17-Apr-25	425	165		29.5	48.0		0.04	0.71	0.02
Average	420	170	1	29.5	47.0		0.04		0.02
24-Mar-25	425	135	1	33.0	50.0	64.0	0.04	0.67	0.02
25-Mar-25	440	160		32.5	48.5	60.0	0.04	0.68	0.03
26-Mar-25	405	160		29.0	49.0	61.0	0.04	0.68	0.03
28-Mar-25	400	150		30.0	46.5	59.0	0.04	0.68	0.03
Average	420	150		31.0	48.5	61.0	0.04		0.03

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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