



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

02-Mar-25 (Week No. 2025-8)
09-Feb-25 (Week No. 2025-5) 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)			
24-Feb-25	435	185	2	29.5	52.5		0.04	0.67	0.02
25-Feb-25	410	155		29.5	51.0		0.04	0.67	0.02
26-Feb-25	425	160		31.5	52.5		0.04	0.67	0.02
28-Feb-25	415	165		33.0	50.5		0.04	0.67	0.02
Average	420	165	1	31.0	51.5		0.04		0.02
03-Feb-25	415	165	1	29.5	49.5	63.5	0.04	0.69	0.03
04-Feb-25	400	150		30.0	46.0	64.5	0.04	0.69	0.03
05-Feb-25	415	175		27.5	47.5	60.0	0.04	0.69	0.03
07-Feb-25	425	170		29.0	49.0	64.0	0.04	0.69	0.03
Average	415	165	1	29.0	48.0	63.0	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
National Technical Manager
Heidelberg Materials UK

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