



Heidelberg Materials UK
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 Ketton Works
 1333-CPR-00122



Cement Test Report

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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

09-Feb-25 (Week No. 2025-5)
 19-Jan-25 (Week No. 2025-2) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
03-Feb-25	415	165	1	29.5	49.5		0.04	0.69	0.03
04-Feb-25	400	150		30.0	46.0		0.04	0.69	0.03
05-Feb-25	415	175		27.5	47.5		0.04	0.69	0.03
07-Feb-25	425	170		29.0	49.0		0.04	0.69	0.03
Average	415	165	1	29.0	48.0		0.04		0.03
13-Jan-25	450	165	1	30.5	50.5	60.5	0.04	0.72	0.02
14-Jan-25	410	140		34.5	48.5	61.0	0.04	0.71	0.02
15-Jan-25	435	160		30.0	49.5	60.5	0.04	0.71	0.02
17-Jan-25	385	155		30.5	48.0	64.5	0.04	0.71	0.02
Average	420	155		31.5	49.0	61.5	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
 National Technical Manager
 Heidelberg Materials UK

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