



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

23-Nov-25 (Week No. 2025-46)
02-Nov-25 (Week No. 2025-43) 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-Nov-25	450	165	0	31.0	49.5		0.04	0.65	0.04
18-Nov-25	455	170		32.0	49.0		0.04	0.65	0.04
19-Nov-25	460	175		31.5	49.0		0.04	0.64	0.04
21-Nov-25	460	175		32.0	51.0		0.04	0.64	0.03
Average	455	170		31.5	49.5		0.04		0.04
27-Oct-25	445	170	2	29.5	48.0	59.0	0.05	0.66	0.04
28-Oct-25	445			32.5	47.5	59.0	0.05	0.66	0.04
29-Oct-25	450	170		32.0	50.0	60.5	0.05	0.66	0.03
31-Oct-25	445	170		28.5	44.5	56.5	0.05	0.66	0.03
Average	445		1	30.5	47.5	59.0	0.05		0.04

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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