



Heidelberg Materials UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Ketton Works
1333-CPR-00122



Cement Test Report

Heidelberg Materials UK
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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

06-Jul-25 (Week No. 2025-26)
15-Jun-25 (Week No. 2025-23) 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)			
30-Jun-25	450	160	1	31.0	48.5		0.04	0.70	0.01
01-Jul-25	435	155		30.0	48.0		0.04	0.70	0.01
02-Jul-25	450	175		30.0	48.0		0.04	0.70	0.01
04-Jul-25	450	150		32.5	48.0		0.04	0.70	0.01
Average	445	160		31.0	48.0		0.04		0.01
09-Jun-25	415	145	1	29.0	44.5	56.0	0.04	0.70	0.01
10-Jun-25	425	165		29.5	47.0	59.5	0.04	0.70	0.01
11-Jun-25	430	150		30.5	47.0	61.5	0.04	0.70	0.01
13-Jun-25	425	160		29.0	44.0	55.0	0.04	0.70	0.01
Average	425	155	1	29.5	45.5	58.0	0.04		0.01

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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