



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

02-Nov-25 (Week No. 2025-43)
12-Oct-25 (Week No. 2025-40) 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)			
27-Oct-25	445	170	2	29.5	48.0		0.05	0.66	0.04
28-Oct-25	445			32.5	47.5		0.05	0.66	0.04
29-Oct-25	450	170		32.0	50.0		0.05	0.66	0.03
31-Oct-25	445	170		28.5	43.5		0.05	0.66	0.03
Average	445		1	30.5	47.5		0.05		0.03
06-Oct-25	435	160	0	34.5	51.5	63.5	0.04	0.66	0.04
07-Oct-25	445			33.5	50.5	63.0	0.04	0.66	0.04
08-Oct-25	465	130		35.5	52.5	62.0	0.04	0.66	0.04
10-Oct-25	455			33.0	48.0	62.0	0.04	0.66	0.04
Average	450			34.0	50.5	62.5	0.04		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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