



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

26-Oct-25 (Week No. 2025-42)
05-Oct-25 (Week No. 2025-39) 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)			
20-Oct-25	445	155	0	31.5	48.5		0.05	0.65	0.04
21-Oct-25	460			30.5	48.5		0.05	0.65	0.04
22-Oct-25	460	175		31.5	48.0		0.05	0.65	0.04
24-Oct-25	445	165		27.0	47.0		0.05	0.66	0.04
Average	455			30.0	48.0		0.05		0.04
29-Sep-25	455	140	1	31.0	49.5	62.0	0.04	0.66	0.04
30-Sep-25	445			31.5	47.5	59.0	0.04	0.66	0.04
01-Oct-25	450	150		30.0	47.0	58.5	0.04	0.65	0.04
03-Oct-25	430			31.0	46.5	58.0	0.04	0.66	0.04
Average	445			31.0	47.5	59.5	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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