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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

06-Sep-26 (Week No. 2026-35)

and during week ending

16-Aug-26 (Week No. 2026-32) 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			mean of 25 %	Certified Average of 25 Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
01-Sep-26	435	180	0	32.0	55.0		0.03	0.62	0.03
02-Sep-26	430	195		31.0	51.5		0.03	0.62	0.03
03-Sep-26	435	195		31.5	54.0		0.03	0.62	0.02
04-Sep-26	435	205		31.5	48.0		0.03	0.62	0.03
Average	435	195		31.5	52.0				
10-Aug-26	430	185	1	31.5	53.5	66.5	0.04	0.64	0.05
11-Aug-26	430	200		32.5	55.0	69.5	0.04	0.64	0.05
12-Aug-26	430	190		31.5	52.0	67.5	0.04	0.64	0.04
14-Aug-26	440	170		32.0	52.0	61.0	0.04	0.64	0.04
Average	435	185		32.0	53.0	66.0			

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Mean 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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