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Heidelberg Materials

Cement Test Report

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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 04-Oct-26 (Week No. 2026-39)
and during week ending 13-Sep-26 (Week No. 2026-36) 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_2O eq	Standard Deviation
				2 Days (N/mm^2)	7 Days (N/mm^2)	28 Days (N/mm^2)			
28-Sep-26	435	190	1	32.0	52.5		0.03	0.61	0.03
29-Sep-26	425	195		32.5	51.5		0.03	0.61	0.03
30-Sep-26	440	195		31.5	51.5		0.03	0.61	0.03
02-Oct-26	435	200		31.0	49.5		0.03	0.61	0.03
Average	435	195		32.0	51.5				
07-Sep-26	450	200	0	32.5	54.5	67.5	0.03	0.61	0.03
08-Sep-26	430	205		33.0	54.0	68.5	0.03	0.61	0.03
09-Sep-26	435	200		34.0	53.5	69.0	0.03	0.61	0.03
11-Sep-26	430	200		32.0	54.0	68.0	0.03	0.61	0.03
Average	435	200		33.0	54.0	68.5			

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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