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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 PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N
Dispatched from Ketton during week ending 25-Oct-26 (Week No. 2026-42)
and during week ending 04-Oct-26 (Week No. 2026-39) 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			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)			
19-Oct-26	535	160	0	35.5	54.0		0.03	0.58	0.02
21-Oct-26	545	150		37.0	53.5		0.03	0.58	0.02
Average	540	155		36.5	54.0				
28-Sep-26	540	175	0	38.0	55.0	65.0	0.03	0.59	0.05
30-Sep-26	540	190		37.5	52.0	62.0	0.03	0.59	0.05
Average	540	185		38.0	53.5	63.5			

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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