

Cement Test Report

Heidelberg Materials
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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 28-Dec-25 (Week No. 2025-51)

and during week ending 07-Dec-25 (Week No. 2025-48) 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	2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)	%	Certified Average Alkali % Na ₂ O eq	Standard Deviation
Average														
01-Dec-25	460	155	1	31.0			48.0	63.0	0.04	0.64	0.03			
02-Dec-25	455	165		33.0			50.5	63.5	0.04	0.64	0.03			
03-Dec-25	450	165		31.5			48.0	65.0	0.04	0.64	0.03			
05-Dec-25	460	175		33.0			52.0	67.0	0.04	0.64	0.03			
Average	455	165	1	32.0			49.5	64.5	0.04		0.03			

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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