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Heidelberg Materials UK
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Ketton Works
1333-CPR-00122



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

16-Aug-26 (Week No. 2026-32)

and during week ending

26-Jul-26 (Week No. 2026-29) 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)			
10-Aug-26	430	185	1	31.5	53.5		0.04	0.64	0.05
11-Aug-26	430	200		32.5	55.0		0.04	0.64	0.05
12-Aug-26	430	190		31.5	52.0		0.04	0.64	0.04
14-Aug-26	440	170		32.0	52.0		0.04	0.64	0.04
Average	435	185		32.0	53.0				
20-Jul-26	430	175	1	29.0	50.0	63.0	0.04	0.65	0.05
21-Jul-26	430	165		33.0	54.0	65.5	0.04	0.65	0.04
22-Jul-26	430	170		30.5	51.5	66.5	0.04	0.64	0.05
24-Jul-26	430	185		32.0	53.5	66.5	0.04	0.64	0.05
Average	430	175		31.0	52.5	65.5			

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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