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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

09-Aug-26 (Week No. 2026-31)

and during week ending

19-Jul-26 (Week No. 2026-28) 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)			
03-Aug-26	430	190	1	31.0	54.0		0.04	0.64	0.05
04-Aug-26	440	185		29.0	50.0		0.04	0.64	0.05
05-Aug-26	435	170		31.5	51.0		0.04	0.64	0.04
07-Aug-26	455	175		29.5	52.5		0.04	0.64	0.04
Average	440	180		30.5	52.0				
13-Jul-26	415	155	1	31.0	46.5	61.5	0.04	0.64	0.04
14-Jul-26	415	165		31.0	46.5	62.0	0.04	0.64	0.04
15-Jul-26	425	160		31.5	49.5	63.5	0.04	0.65	0.04
17-Jul-26	435	160		31.0	49.0	64.5	0.04	0.65	0.05
Average	425	160		31.0	48.0	63.0			

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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