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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

23-Aug-26 (Week No. 2026-33)

and during week ending

02-Aug-26 (Week No. 2026-30) 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)			
17-Aug-26	430	135	1	33.0	52.5		0.04	0.64	0.04
18-Aug-26	425	150		31.0	48.0		0.04	0.64	0.05
19-Aug-26	425	145		32.0	52.5		0.04	0.64	0.04
21-Aug-26	430	180		33.0	53.0		0.03	0.64	0.05
Average	430	155		32.5	51.5				
27-Jul-26	430	170	1	30.5	51.0	65.0	0.04	0.64	0.04
28-Jul-26	435	170		30.0	51.0	62.5	0.04	0.64	0.05
29-Jul-26	435	180		32.5	52.5	63.5	0.04	0.64	0.05
31-Jul-26	420	175		30.0	51.0	64.0	0.04	0.64	0.05
Average	430	175		31.0	51.5	64.0			

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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