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 Ketton Works
 1333-CPR-00122



Cement Test Report

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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 22-Dec-24 (Week No. 2024-51)
 and during week ending 01-Dec-24 (Week No. 2024-48) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
16-Dec-24	410	155	1	31.0	50.0		0.04	0.71	0.02
17-Dec-24	415	170		30.0	46.0		0.04	0.72	0.02
18-Dec-24	415	165		32.5	46.0		0.04	0.72	0.02
20-Dec-24	405	170		30.0	48.5		0.04	0.72	0.02
Average	410	165	1	31.0	47.5		0.04		0.02
25-Nov-24	420	165	1	31.0	49.5	60.5	0.04	0.69	0.04
26-Nov-24	440	165		32.0	52.5	63.0	0.04	0.69	0.04
27-Nov-24	430	165		31.0	50.0	60.5	0.04	0.69	0.04
29-Nov-24	425	170		32.0	50.5	66.0	0.04	0.70	0.03
Average	430	165		31.5	50.5	62.5	0.04		0.04

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
 National Technical Manager
 Heidelberg Materials UK

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