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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
 and during week ending

17-Nov-24 (Week No. 2024-46)

27-Oct-24 (Week No. 2024-43) 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)			
11-Nov-24	425	170	0	35.5	55.5		0.04	0.66	0.03
12-Nov-24	385	165		32.5	50.5		0.04	0.66	0.04
13-Nov-24	410	155		34.0	52.5		0.04	0.66	0.04
15-Nov-24	425	185		30.5	49.0		0.04	0.66	0.04
Average	410	170		33.0	52.0		0.04		0.04
21-Oct-24	435	160	0	31.5	49.5	61.0	0.05	0.65	0.03
22-Oct-24	435	185		32.0	53.5	60.5	0.05	0.65	0.03
23-Oct-24	400	195		31.0	48.5	59.5	0.05	0.65	0.03
25-Oct-24	440	190		33.0	49.0	62.0	0.05	0.65	0.03
Average	430	185		32.0	50.0	61.0	0.05		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
 National Technical Manager
 Heidelberg Materials UK

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