



Heidelberg Materials UK
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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

19-May-24 (Week No. 2024-20)
 28-Apr-24 (Week No. 2024-17) 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)			
13-May-24	450	150	1	30.0	49.5		0.05	0.66	0.03
14-May-24	460	165		31.0	49.0		0.05	0.66	0.03
15-May-24	465	160		32.5	49.5		0.05	0.66	0.03
17-May-24	445	155		28.5	46.5		0.05	0.66	0.03
Average	455	160		30.5	48.5		0.05		0.03
22-Apr-24	470	160	1	35.0	53.0	63.0	0.04	0.66	0.03
23-Apr-24	475	165		30.5	49.5	61.5	0.04	0.66	0.03
24-Apr-24	455	165		31.5	48.5	59.5	0.04	0.66	0.03
26-Apr-24	455	165		32.0	47.0	59.0	0.04	0.66	0.03
Average	465	165	1	32.5	49.5	61.0	0.04		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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