



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

07-Apr-24 (Week No. 2024-14)

17-Mar-24 (Week No. 2024-11) 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)			
02-Apr-24	470	185	1	31.5	49.5		0.05	0.67	0.03
03-Apr-24	450	165		31.0	50.5		0.05	0.66	0.03
04-Apr-24	470	155		33.0	52.5		0.05	0.66	0.03
05-Apr-24	450	155		32.0	50.5		0.04	0.66	0.03
Average	460	165		32.0	51.0		0.05		0.03
11-Mar-24	460	175	1	30.0	49.0	60.5	0.05	0.69	0.02
12-Mar-24	470	165		32.5	50.5	63.0	0.05	0.68	0.02
13-Mar-24	475	160		32.0	49.5	61.5	0.05	0.68	0.02
15-Mar-24	490	150		31.0	48.5	60.5	0.05	0.68	0.02
Average	475	165	1	31.5	49.5	61.5	0.05		0.02

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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