



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

22-Sep-24 (Week No. 2024-38)
01-Sep-24 (Week No. 2024-35) 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			%	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-Sep-24	445	155	1	30.0	47.5		0.05	0.64	0.02
17-Sep-24	435	165		33.0	50.0		0.05	0.64	0.02
18-Sep-24	455	165		31.0	47.5		0.05	0.65	0.02
20-Sep-24	455	175		31.0	48.5		0.06	0.65	0.02
Average	450	165		31.5	48.5		0.05		0.02
27-Aug-24	450	135	1	28.5	47.0	59.5	0.05	0.65	0.02
28-Aug-24	445	145		29.0	48.0	61.0	0.05	0.64	0.02
29-Aug-24	435	140		30.0	49.0	62.0	0.05	0.64	0.02
30-Aug-24	440	140		29.5	46.0	57.5	0.05	0.64	0.02
Average	445	140		29.5	47.5	60.0	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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