



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
1333-CPR-00122



Cement Test Report

Hanson Cement
Ketton
Stamford
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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

05-Feb-23 (Week No. 2023-5)
15-Jan-23 (Week No. 2023-2) 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)			
30-Jan-23	435	155	0	33.5	50.0		0.05	0.64	0.03
31-Jan-23	415	155	0	30.5	48.5		0.05	0.64	0.03
01-Feb-23	415	155	1	29.5	47.5		0.05	0.65	0.03
03-Feb-23	405	165	0	31.5	47.5		0.05	0.65	0.03
Average	420	160	0	31.5	48.5		0.05		0.03
09-Jan-23	430	170	0	30.5	50.0	65.5	0.04	0.64	0.03
10-Jan-23	430	175	0	29.0	49.5	62.0	0.04	0.64	0.03
11-Jan-23	400	170	1	29.5	48.5	66.0	0.04	0.64	0.03
13-Jan-23	405	150	0	30.5	49.0	65.0	0.04	0.64	0.03
Average	415	165	0	30.0	49.5	64.5	0.04		0.03

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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