



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

23-Oct-22 (Week No. 2022-42)
02-Oct-22 (Week No. 2022-39) 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)			
17-Oct-22	425	165	0	29.5	46.5		0.05	0.66	0.02
18-Oct-22	415	165	0	28.5	47.0		0.05	0.66	0.02
19-Oct-22	425	160	1	29.5	47.5		0.05	0.66	0.02
21-Oct-22	410	165	0	31.0	48.5		0.05	0.66	0.02
Average	420	165	0	29.5	47.5		0.05		0.02
26-Sep-22	415	200	1	27.0	47.5	58.0	0.05	0.65	0.02
27-Sep-22	425	185	0	28.5	45.5	59.0	0.05	0.65	0.02
28-Sep-22	400	175	0	29.5	46.0	62.0	0.05	0.65	0.02
30-Sep-22	435	195	0	30.0	46.0	57.5	0.05	0.66	0.02
Average	420	190	0	29.0	46.5	59.0	0.05		0.02

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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