



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
1333-CPR-00135



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ketton CGPC, BS EN 197-1:2011 - CEM I 42,5N

Dispatched from Ketton during week ending 05-Feb-23 (Week No. 2023-5)
and during week ending 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	335	175	0	24.0	39.5		0.04	0.69	0.03
01-Feb-23	340	165	1	23.5	39.5		0.04	0.69	0.03
Average	340	170	1	24.0	39.5		0.04		0.03
09-Jan-23	345	175	0	22.5	43.0	52.5	0.04	0.68	0.03
11-Jan-23	345	185	0	22.0	36.5	52.0	0.04	0.69	0.03
Average	345	180	0	22.5	40.0	52.5	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

Hanson Cement has used all reasonable care to ensure the
information herein contained is accurate but to the extent
permitted in law, no liability can be accepted by Hanson
Cement for any loss, damage, cost or expense arising from
any inaccuracy, whether due to negligence or otherwise.