



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
and during week ending

16-Oct-22 (Week No. 2022-41)
25-Sep-22 (Week No. 2022-38) 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)			
10-Oct-22	305	195	0	24.5	39.5		0.05	0.69	0.09
12-Oct-22	335	150	1	24.0	39.0		0.04	0.69	0.08
Average	320	175	1	24.5	39.5		0.04		0.08
20-Sep-22	330	195	1	23.5	36.5	53.0	0.05	0.68	0.09
22-Sep-22	320	210	0	22.0	38.0	53.5	0.05	0.68	0.09
Average	325	205	1	23.0	37.5	53.5	0.05		0.09

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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