



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
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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

30-Jan-22 (Week No. 2022-4)
09-Jan-22 (Week No. 2022-1) 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)			
24-Jan-22	415	175	1	31.5	50.5		0.05	0.61	0.02
25-Jan-22	370	170	0	30.5	49.5		0.05	0.61	0.02
26-Jan-22	415	175	1	31.5	48.0		0.05	0.61	0.01
28-Jan-22	420	180	0	30.0	48.0		0.05	0.61	0.01
Average	405	175	1	31.0	49.0		0.05		0.02
04-Jan-22	390	140	1	30.5	51.0	65.5	0.05	0.63	0.03
05-Jan-22	415	165	0	30.5	48.5	67.0	0.05	0.63	0.03
06-Jan-22	415	165	1	31.0	47.5	62.0	0.05	0.63	0.03
07-Jan-22	420	190	1	32.0	50.0	61.0	0.05	0.63	0.03
Average	410	165	1	31.0	49.5	64.0	0.05		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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