

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

11-Dec-22 (Week No. 2022-49)
20-Nov-22 (Week No. 2022-46) 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)			
05-Dec-22	430	170	1	30.0	48.5		0.04	0.67	0.03
06-Dec-22	420	180	1	31.0	49.0		0.04	0.67	0.03
07-Dec-22	450	185	1	30.5	49.0		0.04	0.67	0.03
09-Dec-22	410	195	0	30.5	49.5		0.04	0.66	0.03
Average	430	185	1	30.5	49.0		0.04		0.03
14-Nov-22	425	160	0	30.5	47.0	59.0	0.05	0.68	0.03
15-Nov-22	430	165	0	30.0	46.0	59.0	0.05	0.67	0.03
16-Nov-22	425	150	0	28.5	44.0	56.5	0.05	0.68	0.03
18-Nov-22	435	160	0	29.5	46.0	57.0	0.05	0.68	0.03
Average	430	160	0	29.5	46.0	58.0	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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