

Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
1333-CPR-00254



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ketton PLC 52,5N, BS EN 197-1:2011 - CEM II/A-LL 52,5N

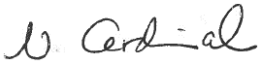
Dispatched from Ketton during week ending 26-Mar-23 (Week No. 2023-12)
and during week ending 05-Mar-23 (Week No. 2023-9) for 28 day results

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)			
20-Mar-23	515	175	1	32.5	46.5		0.04	0.63	0.02
22-Mar-23	515	175	0	33.5	48.0		0.04	0.63	0.03
Average									
27-Feb-23	525	185	0	31.5	46.0	56.5	0.04	0.62	0.02
01-Mar-23	535	195	0	29.5	47.0	57.5	0.04	0.63	0.02
Average	530	190	0	30.5	46.5	57.0	0.04		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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