



Hanson UK
Second Floor, Arena Court, Crown Lane
Maidenhead, Berkshire, SL6 8QZ
Ketton Works
1333-CPR-00254



Cement Test Report

Hanson Cement
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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
and during week ending

02-Apr-23 (Week No. 2023-13)

12-Mar-23 (Week No. 2023-10) 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)			
27-Mar-23	520	170	1	31.5	47.0		0.04	0.63	0.03
29-Mar-23	515	175	0	31.0	47.5		0.04	0.63	0.03
Average	520	175	1	31.5	47.5		0.04		0.03
06-Mar-23	545	195	1	33.0	47.5	56.5	0.04	0.63	0.02
08-Mar-23	525	190	0	33.0	48.0	58.5	0.04	0.63	0.02
Average	535	195	1	33.0	48.0	57.5	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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