



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 29-May-22 (Week No. 2022-21)
 and during week ending 08-May-22 (Week No. 2022-18) 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)			
23-May-22	485	175	0	32.0	49.0		0.04	0.64	0.03
25-May-22	490	185	0	30.5	47.0		0.04	0.63	0.03
Average	490	180	0	31.5	48.0		0.04		0.03
03-May-22	460	190	1	33.0	48.5	60.5	0.04	0.63	0.03
05-May-22	475	200	1	33.5	48.5	59.0	0.04	0.63	0.03
Average	470	195	1	33.5	48.5	60.0	0.04		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, MiMMMM
 National Technical Manager
 Hanson Cement

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