



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
1333-CPR-00123



Cement Test Report

Hanson Cement
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Results of tests made at the laboratories of the company on samples of
Ketton RHPC, BS EN 197-1:2011 - CEM I 52,5R
Dispatched from Ketton during week ending 25-Jul-21 (Week No. 2021-29)
and during week ending 04-Jul-21 (Week No. 2021-26) 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)			
19-Jul-21	515	145	1	35.5	48.5		0.04	0.57	0.03
20-Jul-21	525	135	1	35.0	48.5		0.04	0.57	0.03
Average	520	140	1	35.5	48.5		0.04		0.03
28-Jun-21	535	135	0	35.0	49.5	60.5	0.04	0.57	0.03
29-Jun-21	520	160	0	35.0	51.5	61.0	0.04	0.57	0.03
Average	530	150	0	35.0	50.5	61.0	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, MiMMM
National Technical Manager
Hanson Cement

Hanson Cement has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Hanson Cement for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.