



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
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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

25-Jul-21 (Week No. 2021-29)
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	425	170	1	29.5	44.0		0.04	0.59	0.03
20-Jul-21	420	155	0	32.5	49.0		0.04	0.59	0.03
21-Jul-21	425	155	0	33.0	48.5		0.04	0.59	0.03
23-Jul-21	420	150	0	32.5	47.5		0.04	0.59	0.03
Average	425	160	0	32.0	47.5		0.04		0.03
28-Jun-21	420	160	1	30.5	46.5	59.5	0.04	0.58	0.04
29-Jun-21	395	160	0	29.0	45.5	58.0	0.04	0.58	0.04
30-Jun-21	390	145	1	28.5	47.0	60.0	0.04	0.58	0.04
02-Jul-21	420	155	0	34.0	48.0	60.0	0.04	0.59	0.04
Average	405	155	1	30.5	47.0	59.5	0.04		0.04

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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