



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

07-Aug-22 (Week No. 2022-31)

17-Jul-22 (Week No. 2022-28) 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)			
01-Aug-22	425	170	0	29.0	45.5		0.05	0.61	0.05
02-Aug-22	420	160	1	30.5	45.0		0.05	0.61	0.05
03-Aug-22	425	150	0	30.5	45.0		0.05	0.62	0.05
05-Aug-22	420	150	1	30.0	47.0		0.05	0.62	0.05
Average	425	160	1	30.0	45.5		0.05		0.05
11-Jul-22	415	170	1	28.0	47.0	63.0	0.05	0.59	0.02
12-Jul-22	425	185	1	29.5	48.0	61.5	0.05	0.59	0.02
13-Jul-22	390	175	0	29.5	47.0	61.0	0.05	0.59	0.02
15-Jul-22	415	180	1	29.0	46.0	60.5	0.05	0.58	0.02
Average	410	180	1	29.0	47.0	61.5	0.05		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

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.