



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
 Stamford
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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

04-Dec-22 (Week No. 2022-48)

13-Nov-22 (Week No. 2022-45) 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)			
28-Nov-22	430	195	1	29.5	45.0		0.04	0.67	0.03
29-Nov-22	410	155	2	28.5	46.5		0.04	0.67	0.03
30-Nov-22	420	170	1	30.0	48.0		0.04	0.67	0.03
02-Dec-22	430	175	0	28.5	45.0		0.04	0.67	0.03
Average	425	175	1	29.0	46.0		0.04		0.03
07-Nov-22	410	175	0	29.5	46.5	58.5	0.05	0.68	0.02
08-Nov-22	400	145	1	32.0	48.0	60.5	0.05	0.68	0.02
09-Nov-22	430	165	0	29.5	45.0	58.0	0.05	0.68	0.02
11-Nov-22	415	160	1	30.5	46.5	58.5	0.05	0.68	0.02
Average	415	160	1	30.5	46.5	59.0	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.