



Castle Cement Ltd T/A  
Hanson Cement, Hanson House, 14 Castle Hill,  
Maidenhead, Berkshire, SL6 4JJ  
Ketton Works  
1333-CPR-00122

1333



## Cement Test Report

Hanson Cement  
Ketton  
Stamford  
PE9 3SX  
Tel: 0330 123 2074  
Fax: 01780 727008

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

24-Jul-22 (Week No. 2022-29 )

03-Jul-22 (Week No. 2022-26 ) for 28 day results

Date	Fineness Specific Surface (m <sup>2</sup> /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na <sub>2</sub> O eq	Standard Deviation
				2 Days (N/mm <sup>2</sup> )	7 Days (N/mm <sup>2</sup> )	28 Days (N/mm <sup>2</sup> )			
18-Jul-22	420	165	0	28.5	45.5		0.05	0.58	0.02
19-Jul-22	430	160	1	31.5	45.5		0.05	0.59	0.03
20-Jul-22	430	165	0	30.5	45.0		0.05	0.59	0.03
22-Jul-22	415	185	1	30.5	45.5		0.05	0.59	0.03
Average	425	170	1	30.5	45.5		0.05		0.03
27-Jun-22	415	175	1	28.0	46.0	59.5	0.05	0.60	0.03
28-Jun-22	420	170	1	32.5	47.5	61.5	0.05	0.60	0.03
29-Jun-22	415	170	1	31.5	47.5	61.0	0.05	0.60	0.03
01-Jul-22	415	180	1	29.5	48.0	59.5	0.05	0.60	0.03
Average	415	175	1	30.5	47.5	60.5	0.05		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.