



Castle Cement Ltd T/A  
 Hanson Cement, Hanson House, 14 Castle Hill,  
 Maidenhead, Berkshire, SL6 4JJ  
 Ketton Works  
 1333-CPR-00135



## 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 CGPC, BS EN 197-1:2011 - CEM I 42,5N

Dispatched from Ketton during week ending  
 and during week ending

15-Jan-23 (Week No. 2023-2 )  
 25-Dec-22 (Week No. 2022-51 ) 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> )			
09-Jan-23	345	175	0	22.5	43.0		0.04	0.68	0.03
11-Jan-23	345	185	0	22.0	36.5		0.04	0.69	0.03
Average	345	180	0	22.5	40.0		0.04		0.03
19-Dec-22	320	155	0	23.0	39.5	54.5	0.04	0.68	0.02
21-Dec-22	310	155	1	23.5	39.5	53.5	0.04	0.68	0.02
Average	315	155	1	23.5	39.5	54.0	0.04		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.