



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  
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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

17-Jul-22 (Week No. 2022-28 )  
26-Jun-22 (Week No. 2022-25 ) 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> )			
11-Jul-22	320	190	0	23.0	36.0		0.05	0.67	0.07
13-Jul-22	320	180	0	22.0	36.0		0.05	0.66	0.07
Average	320	185	0	22.5	36.0		0.05		0.07
20-Jun-22	315	175	0	23.5	39.5	56.5	0.04	0.69	0.07
22-Jun-22	310	180	1	22.5	37.0	54.0	0.04	0.69	0.07
Average	315	180	1	23.0	38.5	55.5	0.04		0.07

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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