



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

10-Jul-22 (Week No. 2022-27 )  
 19-Jun-22 (Week No. 2022-24 ) 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> )			
04-Jul-22	425	170	1	31.0	50.0		0.05	0.59	0.03
05-Jul-22	420	175	1	31.5	49.0		0.05	0.59	0.03
06-Jul-22	425	170	0	31.0	49.0		0.05	0.59	0.03
08-Jul-22	430	160	0	28.5	47.0		0.05	0.59	0.02
Average	425	170	1	30.5	49.0		0.05		0.03
13-Jun-22	415	175	1	30.0	47.5	64.0	0.05	0.63	0.04
14-Jun-22	405	165	1	32.0	49.0	63.0	0.04	0.63	0.04
15-Jun-22	405	155	0	34.0	50.0	65.0	0.04	0.62	0.04
17-Jun-22	415	165	1	31.5	48.5	61.0	0.05	0.62	0.03
Average	410	165	1	32.0	49.0	63.5	0.05		0.04

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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