



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

29-May-22 (Week No. 2022-21 )  
 08-May-22 (Week No. 2022-18 ) 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> )			
23-May-22	425	155	0	31.5	51.5		0.04	0.67	0.03
24-May-22	430	155	0	30.0	47.5		0.04	0.66	0.03
25-May-22	405	190	1	30.0	48.5		0.04	0.66	0.03
27-May-22	420	170	0	29.5	47.0		0.04	0.66	0.04
Average	420	170	0	30.5	48.5		0.04		0.03
03-May-22	425	170	1	33.0	48.5	60.0	0.04	0.67	0.03
04-May-22	430	190	0	31.0	48.0	60.5	0.04	0.67	0.03
05-May-22	435	175	0	31.5	48.5	62.5	0.04	0.67	0.03
06-May-22	425	180	1	29.5	48.0	59.5	0.04	0.67	0.03
Average	430	180	1	31.5	48.5	60.5	0.04		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

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