



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

03-Jul-22 (Week No. 2022-26 )  
12-Jun-22 (Week No. 2022-23 ) 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> )			
27-Jun-22	415	175	1	28.0	46.0		0.05	0.60	0.03
28-Jun-22	420	170	1	32.5	47.5		0.05	0.60	0.03
29-Jun-22	415	170	1	31.5	47.5		0.05	0.60	0.03
01-Jul-22	415	180	1	29.5	48.0		0.05	0.60	0.03
Average	415	175	1	30.5	47.5		0.05		0.03
06-Jun-22	420	160	1	31.0	48.5	63.5	0.04	0.64	0.04
07-Jun-22	385	170	2	29.0	44.0	57.0	0.04	0.64	0.04
08-Jun-22	395	170	1	32.0	50.0	63.5	0.04	0.64	0.04
10-Jun-22	435	175	1	29.5	47.0	58.5	0.05	0.63	0.04
Average	410	170	1	30.5	47.5	60.5	0.04		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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