



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

31-Jan-21 (Week No. 2021-4 )  
10-Jan-21 (Week No. 2021-1 ) 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> )			
25-Jan-21	410	155	1	28.5	44.0		0.06	0.63	0.04
26-Jan-21	415	150	1	31.5	46.5		0.06	0.64	0.04
27-Jan-21	415	140	1	31.5	48.0		0.06	0.64	0.04
29-Jan-21	405	120	1	31.0	45.5		0.06	0.64	0.04
Average	410	140	1	30.5	46.0		0.06		0.04
04-Jan-21	390	170	1	31.5	47.5	59.0	0.05	0.59	0.02
05-Jan-21	390	150	0	34.0	48.5	64.5	0.05	0.60	0.02
06-Jan-21	410	160	1	32.0	48.0	58.0	0.05	0.59	0.02
08-Jan-21	405	160	0	32.0	48.5	60.5	0.05	0.60	0.03
Average	400	160	1	32.5	48.0	60.5	0.05		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

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