



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

14-Nov-21 (Week No. 2021-45 )  
24-Oct-21 (Week No. 2021-42 ) 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> )			
08-Nov-21	410	170	0	32.5	49.5		0.05	0.65	0.03
09-Nov-21	430	170	0	33.5	50.0		0.05	0.65	0.03
10-Nov-21	425	170	1	34.0	52.0		0.05	0.65	0.03
12-Nov-21	420	165	0	32.0	50.0		0.05	0.65	0.03
Average	420	170	1	33.0	50.5		0.05		0.03
18-Oct-21	425	160	0	34.0	50.5	60.5	0.05	0.65	0.03
19-Oct-21	400	140	0	33.5	48.5	60.0	0.05	0.65	0.03
20-Oct-21	410	145	0	32.5	48.0	60.0	0.05	0.65	0.03
22-Oct-21	425	155	0	32.0	46.0	58.0	0.05	0.65	0.03
Average	415	150	0	33.0	48.5	59.5	0.05		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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