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Castle Cement Ltd T/A  
 Hanson Cement, Hanson House, 14 Castle Hill,  
 Maidenhead, Berkshire, SL6 4JJ  
 Ketton Works  
 2016  
 1333-CPD-00122  
 BS EN 197-1:2011  
 CEM I 52,5N



## 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 Portland Cement, BS EN 197-1:2011 - CEM I 52,5N.

Manufactured at Ketton during week ending 10 Jan 2016 (Week No. 1 )  
 and during week ending 20 Dec 2015 (Week No. 51 ) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride %	Alkali	
	Specific Surface (m <sup>2</sup> /kg)	Initial (mins)	Expansion (mm)	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-Jan-16	405	155	0	32.5	47.0		0.67		
05-Jan-16	405	160	1	32.5	48.0		0.67		
06-Jan-16	415	160	0	31.0	46.0		0.67		
07-Jan-16	410	150	1	34.0	47.0		0.67		
Average	410	155	1	32.5	47.0		0.04	0.05	
14-Dec-15	435	165	0	31.5	46.0	58.5	0.68		
15-Dec-15	415	130	1	32.5	47.5	62.0	0.68		
16-Dec-15	410	125	0	32.0	47.5	61.0	0.68		
18-Dec-15	435	120	0	33.0	46.5	59.0	0.68		
Average	425	135	0	32.5	47.0	60.0	0.05	0.04	

Product Declaration:

Certified Average Alkali content (%) = 0.75

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of  
 HANSON CEMENT

National Technical Manager  
 Hanson Cement

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