



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
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

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 24 Jul 2016 (Week No. 29)
and during week ending 03 Jul 2016 (Week No. 26) for 28 day results

Date	Fineness	Setting Time	Soundness	Compressive Strength			Chloride %	Alkali	
	Specific Surface (m ² /kg)	Initial (mins)	Expansion (mm)	40mm x 40mm x 160mm Mortar prisms				Certified Average Alkali % Na ₂ O eq	Standard Deviation
				2 Days (N/mm ²)	7 Days (N/mm ²)	28 Days (N/mm ²)			
18-Jul-16	455	125	1	33.0	43.5			0.65	
19-Jul-16	430	130	1	32.0	43.0			0.65	
20-Jul-16	460	150	1	34.0	47.0			0.65	
21-Jul-16	445	140	0	33.0	43.0			0.65	
Average	450	135	1	33.0	44.0		0.05		0.04
27-Jun-16	430	140	0	33.5	45.0	58.0		0.70	
28-Jun-16	420	170	1	31.5	46.0	57.5		0.70	
29-Jun-16	415	150	1	30.5	43.5	56.0		0.69	
30-Jun-16	440	125	1	36.0	49.0	58.5		0.69	
Average	425	145	1	33.0	46.0	57.5	0.05		0.05

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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