



Castle Cement Ltd T/A
Hanson Cement, Hanson House, 14 Castle Hill,
Maidenhead, Berkshire, SL6 4JJ
Ketton Works
2017
1333-CPD-00122
BS EN 197-1:2011
CEM I 52,5N



Cement Test Report

Hanson Cement
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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 23 Jul 2017 (Week No. 29)
and during week ending 02 Jul 2017 (Week No. 26) for 28 day results

Date	Fineness Specific Surface (m ² /kg)	Setting Time Initial (mins)	Soundness Expansion (mm)	Compressive Strength			Chloride %	Alkali	
				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)			
17-Jul-17	395	160	1	35.5	50.5		0.69		
18-Jul-17	400	150	1	34.5	48.0		0.69		
19-Jul-17	395	135	1	32.5	46.5		0.69		
20-Jul-17	400	140	1	34.0	48.0		0.69		
Average	400	145	1	34.0	48.5		0.06	0.01	
26-Jun-17	405	140	1	34.5	50.0	62.5	0.69		
27-Jun-17	410	140	1	34.5	50.0	61.5	0.69		
28-Jun-17	415	140	1	36.0	50.0	61.0	0.69		
29-Jun-17	420	125	1	35.5	48.0	62.0	0.69		
Average	415	135	1	35.0	49.5	62.0	0.06	0.02	

Product Declaration:

Declared Mean Alkali (%) = 0.75 (Max)

Declared Chloride content (%) = 0.07 (Max)

For and on behalf of
HANSON CEMENT

National Technical Manager
Hanson Cement

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