

Laboratory Chemical Report

Hanson Cement
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Composition of Ketton Coarse Ground CEM I, BS EN 197-1:2011, CEM I 42,5N

Manufactured at Ketton.

Chemical analysis for week ending 23 Jul 2017 (Week No. 29)

Compound	%
SiO ₂	20.49
Al ₂ O ₃	4.80
Fe ₂ O ₃	2.92
CaO	64.67
MgO	1.12
SO ₃	2.98
K ₂ O	0.70
Na ₂ O	0.24
Cl	0.06
Loss on Ignition	0.92
Not Detected	1.10
Total	100.00

	%
Insol Residue	0.28
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	100.5

Clinker compounds by Rietveld analysis	
C ₃ S	65.1
C ₂ S	11.5
C ₃ A	5.7
C ₄ AF	8.3

For and on behalf of
 HANSON CEMENT



National Technical Manager
 Hanson Cement

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