

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 30 Jul 2017 (Week No. 30)

Compound	%
SiO ₂	20.41
Al ₂ O ₃	4.74
Fe ₂ O ₃	2.96
CaO	63.89
MgO	1.14
SO ₃	3.06
K ₂ O	0.70
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	0.92
Not Detected	1.87
Total	100.00

	%
Insol Residue	0.28
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	100.4

Clinker compounds by Rietveld analysis	
C ₃ S	65.7
C ₂ S	12.8
C ₃ A	5.5
C ₄ AF	8.1

For and on behalf of
 HANSON CEMENT



National Technical Manager
 Hanson Cement

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