

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 12 Aug 2018 (Week No. 32)

Compound	%
SiO ₂	20.87
Al ₂ O ₃	5.06
Fe ₂ O ₃	2.69
CaO	64.11
MgO	1.11
SO ₃	2.95
K ₂ O	0.69
Na ₂ O	0.23
Cl	0.05
Loss on Ignition	0.85
Not Detected	1.39
Total	100.00

	%
Insol Residue	0.38
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	97.9

Clinker compounds by Rietveld analysis	
C ₃ S	62.5
C ₂ S	15.3
C ₃ A	6.7
C ₄ AF	7.1

For and on behalf of
HANSON CEMENT



National Technical Manager
Hanson Cement

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