

Chemical Report

Hanson Cement
Ketton
Stamford
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Composition of Ketton CGPC, EN 197-1:2011, CEM I 42,5N

Dispatched from Ketton

Chemical analysis for week ending 12-Feb-23

Week No. 2023-6

Compound	%
SiO ₂	20.97
Al ₂ O ₃	5.19
Fe ₂ O ₃	3.03
CaO	64.42
MgO	1.24
SO ₃	2.85
K ₂ O	0.62
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	1.18
Not Detected	0.18
Total	99.82

	%
Insol Residue	0.61
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	93.31

Clinker compounds by Rietveld analysis	
C ₃ S	63.1
C ₂ S	15.0
C ₃ A	9.1
C ₄ AF	7.5

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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