

Chemical Report

Hanson Cement
Ketton
Stamford
PE9 3SX
Tel: 0330 123 2074
Fax: 01780 727008

Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 15-Jan-23

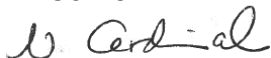
Week No. 2023-2

Compound	%
SiO ₂	19.96
Al ₂ O ₃	5.20
Fe ₂ O ₃	3.08
CaO	64.00
MgO	1.08
SO ₃	3.27
K ₂ O	0.59
Na ₂ O	0.26
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.54
Total	97.46

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	96.28

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	13.6
C ₃ A	10.1
C ₄ AF	6.9

For and on behalf of
HANSON CEMENT



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

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