

Chemical Report

Hanson Cement
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 12-Feb-23

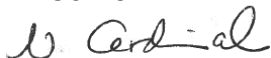
Week No. 2023-6

Compound	%
SiO ₂	19.92
Al ₂ O ₃	4.84
Fe ₂ O ₃	2.92
CaO	64.77
MgO	1.18
SO ₃	3.13
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	2.33
Not Detected	0.00
Total	100.00

	%
Insol Residue	0.71
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	98.64

Clinker compounds by Rietveld analysis	
C ₃ S	62.5
C ₂ S	12.3
C ₃ A	8.9
C ₄ AF	6.6

For and on behalf of
HANSON CEMENT



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

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