

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 04-Dec-22

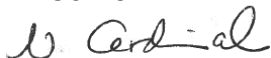
Week No. 2022-48

Compound	%
SiO ₂	19.71
Al ₂ O ₃	4.95
Fe ₂ O ₃	2.99
CaO	64.13
MgO	1.15
SO ₃	3.36
K ₂ O	0.61
Na ₂ O	0.24
Cl	0.04
Loss on Ignition	3.32
Not Detected	-0.50
Total	100.50

	%
Insol Residue	1.83
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	97.95

Clinker compounds by Rietveld analysis	
C ₃ S	58.8
C ₂ S	14.2
C ₃ A	9.6
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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