

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 19-Feb-23

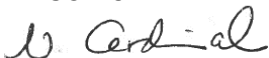
Week No. 2023-7

Compound	%
SiO ₂	19.58
Al ₂ O ₃	4.92
Fe ₂ O ₃	3.00
CaO	64.73
MgO	1.21
SO ₃	3.26
K ₂ O	0.57
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	2.33
Not Detected	0.09
Total	99.91

	%
Insol Residue	0.71
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	99.64

Clinker compounds by Rietveld analysis	
C ₃ S	61.3
C ₂ S	12.2
C ₃ A	9.5
C ₄ AF	6.5

For and on behalf of
HANSON CEMENT



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

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