

## 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 20-Feb-22

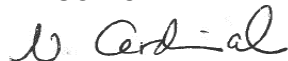
Week No. 2022-7

Compound	%
SiO <sub>2</sub>	19.72
Al <sub>2</sub> O <sub>3</sub>	4.62
Fe <sub>2</sub> O <sub>3</sub>	2.80
CaO	64.90
MgO	1.12
SO <sub>3</sub>	3.15
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.24
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.82
Total	97.18

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.61
LSF (x 100)	100.19

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	64.0
C <sub>2</sub> S	12.1
C <sub>3</sub> A	8.5
C <sub>4</sub> AF	6.1

For and on behalf of  
HANSON CEMENT



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

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