

## 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 07-Aug-22

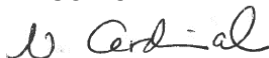
Week No. 2022-31

Compound	%
SiO <sub>2</sub>	19.54
Al <sub>2</sub> O <sub>3</sub>	4.87
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	64.08
MgO	1.28
SO <sub>3</sub>	3.14
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.27
Cl	0.05
Loss on Ignition	2.20
Not Detected	1.08
Total	98.92

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.61
LSF (x 100)	99.14

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.8
C <sub>2</sub> S	12.7
C <sub>3</sub> A	9.3
C <sub>4</sub> AF	6.4

For and on behalf of  
HANSON CEMENT



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

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