

## Chemical Report

Hanson Cement  
Ketton  
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Ketton  
Chemical analysis for week ending 27-Aug-23

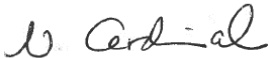
Week No. 2023-34

Compound	%
SiO <sub>2</sub>	19.61
Al <sub>2</sub> O <sub>3</sub>	5.01
Fe <sub>2</sub> O <sub>3</sub>	2.98
CaO	64.39
MgO	1.28
SO <sub>3</sub>	3.23
K <sub>2</sub> O	0.67
Na <sub>2</sub> O	0.28
Cl	0.06
Loss on Ignition	n/a
Not Detected	2.50
Total	97.50

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.70
LSF (x 100)	98.86

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.8
C <sub>2</sub> S	12.5
C <sub>3</sub> A	9.1
C <sub>4</sub> 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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