

## 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 23-Oct-22


Week No. 2022-42

Compound	%
SiO <sub>2</sub>	19.25
Al <sub>2</sub> O <sub>3</sub>	4.83
Fe <sub>2</sub> O <sub>3</sub>	2.96
CaO	63.93
MgO	1.20
SO <sub>3</sub>	3.16
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	n/a
Not Detected	3.78
Total	96.22

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	100.20

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.9
C <sub>2</sub> S	12.3
C <sub>3</sub> A	9.3
C <sub>4</sub> 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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