

## 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 21-Nov-21


Week No. 2021-46

Compound	%
SiO <sub>2</sub>	19.81
Al <sub>2</sub> O <sub>3</sub>	4.79
Fe <sub>2</sub> O <sub>3</sub>	2.84
CaO	64.53
MgO	1.15
SO <sub>3</sub>	3.20
K <sub>2</sub> O	0.57
Na <sub>2</sub> O	0.24
Cl	0.05
Loss on Ignition	3.64
Not Detected	-0.81
Total	100.81

	%
Insol Residue	0.63
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	98.81

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.2
C <sub>2</sub> S	14.1
C <sub>3</sub> A	8.2
C <sub>4</sub> AF	6.7

For and on behalf of  
HANSON CEMENT



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

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