

## 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 29-Aug-21

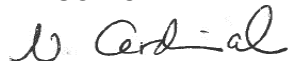
Week No. 2021-34

Compound	%
SiO <sub>2</sub>	20.08
Al <sub>2</sub> O <sub>3</sub>	4.64
Fe <sub>2</sub> O <sub>3</sub>	2.71
CaO	64.79
MgO	1.08
SO <sub>3</sub>	3.15
K <sub>2</sub> O	0.63
Na <sub>2</sub> O	0.25
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.63
Total	97.37

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	98.51

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.8
C <sub>2</sub> S	15.9
C <sub>3</sub> A	8.1
C <sub>4</sub> AF	6.0

For and on behalf of  
HANSON CEMENT



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

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