

## Chemical Report

Hanson Cement  
Ketton  
Stamford  
PE9 3SX  
Tel: 0330 123 2074  
Fax: 01780 727008

Composition of Ketton CGPC, EN 197-1:2011, CEM I 42,5N  
Dispatched from Ketton  
Chemical analysis for week ending 07-Aug-22

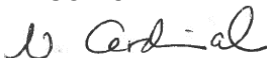
Week No. 2022-31

Compound	%
SiO <sub>2</sub>	20.75
Al <sub>2</sub> O <sub>3</sub>	5.11
Fe <sub>2</sub> O <sub>3</sub>	2.93
CaO	63.70
MgO	1.33
SO <sub>3</sub>	3.44
K <sub>2</sub> O	0.65
Na <sub>2</sub> O	0.31
Cl	0.05
Loss on Ignition	0.79
Not Detected	0.97
Total	99.03

	%
Insol Residue	0.92
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	92.67

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	63.0
C <sub>2</sub> S	15.4
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	7.5

For and on behalf of  
HANSON CEMENT



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

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