

## Chemical Report

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

Composition of Ketton PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ketton

Chemical analysis for week ending 04-Dec-22

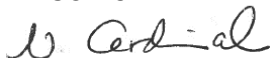
Week No. 2022-48

Compound	%
SiO <sub>2</sub>	18.63
Al <sub>2</sub> O <sub>3</sub>	4.62
Fe <sub>2</sub> O <sub>3</sub>	2.97
CaO	64.29
MgO	1.22
SO <sub>3</sub>	2.97
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.22
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.46
Total	95.54

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	104.33

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	54.7
C <sub>2</sub> S	13.7
C <sub>3</sub> A	8.1
C <sub>4</sub> AF	6.3

For and on behalf of  
HANSON CEMENT



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

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