

## Chemical Report

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

Dispatched from Ketton

Chemical analysis for week ending 19-Feb-23

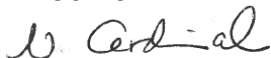
Week No. 2023-7

Compound	%
SiO <sub>2</sub>	18.54
Al <sub>2</sub> O <sub>3</sub>	4.70
Fe <sub>2</sub> O <sub>3</sub>	2.96
CaO	65.14
MgO	1.13
SO <sub>3</sub>	2.88
K <sub>2</sub> O	0.55
Na <sub>2</sub> O	0.26
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.82
Total	96.18

	%
Insol Residue	n/a
Free CaO	0.1
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.63
LSF (x 100)	106.14

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.8
C <sub>2</sub> S	12.5
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	5.9

For and on behalf of  
HANSON CEMENT



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

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