

## 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 07-Aug-22

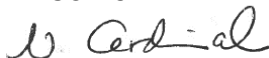
Week No. 2022-31

Compound	%
SiO <sub>2</sub>	18.31
Al <sub>2</sub> O <sub>3</sub>	4.62
Fe <sub>2</sub> O <sub>3</sub>	2.85
CaO	64.22
MgO	1.23
SO <sub>3</sub>	3.31
K <sub>2</sub> O	0.63
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.54
Total	95.46

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.58
LSF (x 100)	105.54

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.8
C <sub>2</sub> S	13.2
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	6.2

For and on behalf of  
HANSON CEMENT



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

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