

## 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 28-Aug-22

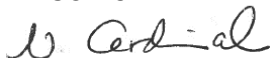
Week No. 2022-34

Compound	%
SiO <sub>2</sub>	18.38
Al <sub>2</sub> O <sub>3</sub>	4.53
Fe <sub>2</sub> O <sub>3</sub>	2.85
CaO	64.39
MgO	1.17
SO <sub>3</sub>	3.20
K <sub>2</sub> O	0.54
Na <sub>2</sub> O	0.27
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.63
Total	95.37

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.59
LSF (x 100)	105.78

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.1
C <sub>2</sub> S	12.7
C <sub>3</sub> A	8.7
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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