

## 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 23-Oct-22


Week No. 2022-42

Compound	%
SiO <sub>2</sub>	18.29
Al <sub>2</sub> O <sub>3</sub>	4.59
Fe <sub>2</sub> O <sub>3</sub>	2.75
CaO	64.46
MgO	1.27
SO <sub>3</sub>	3.27
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.27
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.48
Total	95.52

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.63
LSF (x 100)	106.26

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.0
C <sub>2</sub> S	12.9
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	5.8

For and on behalf of  
HANSON CEMENT



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

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