

## 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 29-May-22

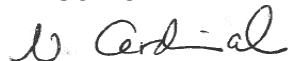
Week No. 2022-21

Compound	%
SiO <sub>2</sub>	19.23
Al <sub>2</sub> O <sub>3</sub>	4.74
Fe <sub>2</sub> O <sub>3</sub>	2.77
CaO	65.24
MgO	1.25
SO <sub>3</sub>	2.95
K <sub>2</sub> O	0.57
Na <sub>2</sub> O	0.23
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.01
Total	96.99

	%
Insol Residue	n/a
Free CaO	0.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	103.04

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.0
C <sub>2</sub> S	11.3
C <sub>3</sub> A	8.5
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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