

## Chemical Report

Heidelberg Materials

UK

Ketton

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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 11-May-25

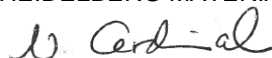
Week No. 2025-18

Compound	%
SiO <sub>2</sub>	18.99
Al <sub>2</sub> O <sub>3</sub>	5.05
Fe <sub>2</sub> O <sub>3</sub>	3.03
CaO	64.52
MgO	1.21
SO <sub>3</sub>	2.98
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.29
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.30
Total	96.70

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	102.02

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.5
C <sub>2</sub> S	11.6
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	7.1

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
Heidelberg Materials UK

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