

## 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 22-Dec-24

Week No. 2024-51

Compound	%
SiO <sub>2</sub>	19.76
Al <sub>2</sub> O <sub>3</sub>	5.18
Fe <sub>2</sub> O <sub>3</sub>	2.87
CaO	63.77
MgO	1.14
SO <sub>3</sub>	2.91
K <sub>2</sub> O	0.63
Na <sub>2</sub> O	0.29
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.44
Total	96.56

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	97.39

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.4
C <sub>2</sub> S	12.9
C <sub>3</sub> A	8.9
C <sub>4</sub> AF	7.0

For and on behalf of  
HEIDELBERG MATERIALS UK



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