

## Chemical Report

Heidelberg Materials

UK

Ketton

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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ketton

Chemical analysis for week ending 12-Jan-25

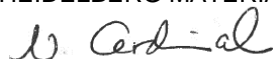
Week No. 2025-1

Compound	%
SiO <sub>2</sub>	20.95
Al <sub>2</sub> O <sub>3</sub>	5.66
Fe <sub>2</sub> O <sub>3</sub>	3.03
CaO	63.46
MgO	1.24
SO <sub>3</sub>	2.94
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.30
Cl	0.03
Loss on Ignition	n/a
Not Detected	1.78
Total	98.22

	%
Insol Residue	n/a
Free CaO	0.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.72
LSF (x 100)	91.11

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.5
C <sub>2</sub> S	12.7
C <sub>3</sub> A	9.6
C <sub>4</sub> AF	7.9

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
National Technical Manager  
Heidelberg Materials UK

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