

## Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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

Dispatched from Ketton

Chemical analysis for week ending 23-Feb-25

Week No. 2025-7

Compound	%
SiO <sub>2</sub>	20.03
Al <sub>2</sub> O <sub>3</sub>	5.07
Fe <sub>2</sub> O <sub>3</sub>	2.91
CaO	62.75
MgO	1.20
SO <sub>3</sub>	2.97
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.27
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.15
Total	95.85

	%
Insol Residue	n/a
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	94.70

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.0
C <sub>2</sub> S	11.4
C <sub>3</sub> A	9.3
C <sub>4</sub> AF	7.1

For and on behalf of  
HEIDELBERG MATERIALS UK



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