

## 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 24-Nov-24

Week No. 2024-47

Compound	%
SiO <sub>2</sub>	20.36
Al <sub>2</sub> O <sub>3</sub>	5.49
Fe <sub>2</sub> O <sub>3</sub>	3.00
CaO	63.72
MgO	1.25
SO <sub>3</sub>	3.19
K <sub>2</sub> O	0.64
Na <sub>2</sub> O	0.32
Cl	0.04
Loss on Ignition	n/a
Not Detected	2.00
Total	98.00

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	93.82

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.2
C <sub>2</sub> S	12.8
C <sub>3</sub> A	10.1
C <sub>4</sub> AF	7.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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National Technical Manager

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