

## 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 28-Jan-24

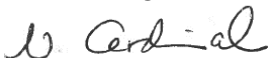
Week No. 2024-4

Compound	%
SiO <sub>2</sub>	20.58
Al <sub>2</sub> O <sub>3</sub>	5.22
Fe <sub>2</sub> O <sub>3</sub>	3.06
CaO	63.95
MgO	1.17
SO <sub>3</sub>	3.20
K <sub>2</sub> O	0.66
Na <sub>2</sub> O	0.31
Cl	0.05
Loss on Ignition	n/a
Not Detected	1.81
Total	98.19

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	93.83

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.5
C <sub>2</sub> S	13.8
C <sub>3</sub> A	9.2
C <sub>4</sub> AF	7.3

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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