

## 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-Dec-23

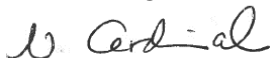
Week No. 2023-51

Compound	%
SiO <sub>2</sub>	19.06
Al <sub>2</sub> O <sub>3</sub>	4.86
Fe <sub>2</sub> O <sub>3</sub>	3.03
CaO	63.60
MgO	1.06
SO <sub>3</sub>	3.30
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.30
Cl	0.05
Loss on Ignition	n/a
Not Detected	4.14
Total	95.86

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.70
LSF (x 100)	100.23

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.5
C <sub>2</sub> S	12.0
C <sub>3</sub> A	8.9
C <sub>4</sub> AF	6.9

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM

National Technical Manager

Heidelberg Materials UK

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