

## 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 10-Mar-24

Week No. 2024-10

Compound	%
SiO <sub>2</sub>	19.26
Al <sub>2</sub> O <sub>3</sub>	4.89
Fe <sub>2</sub> O <sub>3</sub>	3.00
CaO	63.56
MgO	1.05
SO <sub>3</sub>	3.38
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.27
Cl	0.04
Loss on Ignition	3.62
Not Detected	0.32
Total	99.68

	%
Insol Residue	1.43
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	99.10

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.0
C <sub>2</sub> S	12.2
C <sub>3</sub> A	9.2
C <sub>4</sub> AF	6.8

For and on behalf of  
HEIDELBERG MATERIALS UK



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