

## 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 20-Oct-24

Week No. 2024-42

Compound	%
SiO <sub>2</sub>	20.24
Al <sub>2</sub> O <sub>3</sub>	5.24
Fe <sub>2</sub> O <sub>3</sub>	2.89
CaO	64.85
MgO	1.12
SO <sub>3</sub>	3.23
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.24
Cl	0.04
Loss on Ignition	3.84
Not Detected	-2.26
Total	102.26

	%
Insol Residue	1.52
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	96.55

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.8
C <sub>2</sub> S	11.2
C <sub>3</sub> A	9.3
C <sub>4</sub> AF	7.2

For and on behalf of  
HEIDELBERG MATERIALS UK



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