

## 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-Nov-24

Week No. 2024-45

Compound	%
SiO <sub>2</sub>	20.76
Al <sub>2</sub> O <sub>3</sub>	5.55
Fe <sub>2</sub> O <sub>3</sub>	3.10
CaO	64.18
MgO	1.22
SO <sub>3</sub>	3.28
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.29
Cl	0.03
Loss on Ignition	3.84
Not Detected	-2.84
Total	102.84

	%
Insol Residue	1.52
Free CaO	0.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	92.69

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	62.6
C <sub>2</sub> S	12.3
C <sub>3</sub> A	9.8
C <sub>4</sub> AF	7.8

For and on behalf of  
HEIDELBERG MATERIALS UK



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