

## 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 27-Oct-24

Week No. 2024-43

Compound	%
SiO <sub>2</sub>	20.73
Al <sub>2</sub> O <sub>3</sub>	5.46
Fe <sub>2</sub> O <sub>3</sub>	2.97
CaO	64.65
MgO	1.15
SO <sub>3</sub>	3.21
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.29
Cl	0.03
Loss on Ignition	3.84
Not Detected	-2.91
Total	102.91

	%
Insol Residue	1.52
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	93.87

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	63.3
C <sub>2</sub> S	11.4
C <sub>3</sub> A	9.7
C <sub>4</sub> AF	7.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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