

## 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 28-Jul-24

Week No. 2024-30

Compound	%
SiO <sub>2</sub>	19.35
Al <sub>2</sub> O <sub>3</sub>	5.05
Fe <sub>2</sub> O <sub>3</sub>	3.02
CaO	64.66
MgO	1.14
SO <sub>3</sub>	3.22
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	3.09
Not Detected	-0.45
Total	100.45

	%
Insol Residue	1.22
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	100.33

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.6
C <sub>2</sub> S	13.7
C <sub>3</sub> A	9.3
C <sub>4</sub> AF	7.1

For and on behalf of  
HEIDELBERG MATERIALS UK



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