

## 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 31-Mar-24

Week No. 2024-13

Compound	%
SiO <sub>2</sub>	19.70
Al <sub>2</sub> O <sub>3</sub>	5.15
Fe <sub>2</sub> O <sub>3</sub>	3.04
CaO	64.58
MgO	1.11
SO <sub>3</sub>	3.17
K <sub>2</sub> O	0.52
Na <sub>2</sub> O	0.29
Cl	0.04
Loss on Ignition	3.62
Not Detected	-1.21
Total	101.21

	%
Insol Residue	1.43
Free CaO	0.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	98.51

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.4
C <sub>2</sub> S	12.9
C <sub>3</sub> A	9.7
C <sub>4</sub> AF	6.8

For and on behalf of  
HEIDELBERG MATERIALS UK



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National Technical Manager

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