

## 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 02-Jun-24

Week No. 2024-22

Compound	%
SiO <sub>2</sub>	19.43
Al <sub>2</sub> O <sub>3</sub>	5.03
Fe <sub>2</sub> O <sub>3</sub>	3.03
CaO	64.64
MgO	1.13
SO <sub>3</sub>	3.26
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.26
Cl	0.05
Loss on Ignition	3.66
Not Detected	-1.08
Total	101.08

	%
Insol Residue	0.80
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	99.90

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.0
C <sub>2</sub> S	13.6
C <sub>3</sub> A	9.0
C <sub>4</sub> AF	6.9

 For and on behalf of  
HEIDELBERG MATERIALS UK



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