

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 4-Feb-24

Week No. 2024-5

Compound	%
SiO ₂	19.52
Al ₂ O ₃	4.95
Fe ₂ O ₃	3.03
CaO	64.04
MgO	1.14
SO ₃	3.12
K ₂ O	0.65
Na ₂ O	0.28
Cl	0.05
Loss on Ignition	n/a
Not Detected	3.23
Total	96.77

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	98.91

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	13.0
C ₃ A	8.7
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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