

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 13-Apr-25

Week No. 2025-14

Compound	%
SiO ₂	19.62
Al ₂ O ₃	5.06
Fe ₂ O ₃	2.85
CaO	62.66
MgO	1.13
SO ₃	2.84
K ₂ O	0.64
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	3.40
Not Detected	1.48
Total	98.52

	%
Insol Residue	1.04
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	96.57

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	11.6
C ₃ A	8.8
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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