

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 27-Apr-25

Week No. 2025-16

Compound	%
SiO ₂	19.83
Al ₂ O ₃	5.17
Fe ₂ O ₃	2.88
CaO	64.81
MgO	1.15
SO ₃	2.97
K ₂ O	0.66
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.40
Not Detected	-1.17
Total	101.17

	%
Insol Residue	1.04
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	98.64

Clinker compounds by Rietveld analysis	
C ₃ S	63.5
C ₂ S	11.2
C ₃ A	8.7
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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