

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 30-Mar-25

Week No. 2025-12

Compound	%
SiO ₂	20.09
Al ₂ O ₃	5.18
Fe ₂ O ₃	2.93
CaO	62.50
MgO	1.13
SO ₃	3.13
K ₂ O	0.70
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.40
Not Detected	0.64
Total	99.36

	%
Insol Residue	1.04
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	93.73

Clinker compounds by Rietveld analysis	
C ₃ S	62.2
C ₂ S	12.5
C ₃ A	9.4
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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