

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 19-May-24

Week No. 2024-20

Compound	%
SiO ₂	19.52
Al ₂ O ₃	5.08
Fe ₂ O ₃	3.01
CaO	64.24
MgO	1.13
SO ₃	3.32
K ₂ O	0.57
Na ₂ O	0.25
Cl	0.05
Loss on Ignition	3.66
Not Detected	-0.82
Total	100.82

	%
Insol Residue	0.80
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	98.80

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	13.2
C ₃ A	9.2
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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