

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 11-Aug-24

Week No. 2024-32

Compound	%
SiO ₂	19.50
Al ₂ O ₃	5.25
Fe ₂ O ₃	3.09
CaO	64.56
MgO	1.18
SO ₃	3.19
K ₂ O	0.55
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	3.09
Not Detected	-0.71
Total	100.71

	%
Insol Residue	1.22
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	99.14

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	12.1
C ₃ A	9.4
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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