

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 28-Apr-24

Week No. 2024-17

Compound	%
SiO ₂	19.48
Al ₂ O ₃	5.07
Fe ₂ O ₃	3.06
CaO	64.15
MgO	1.19
SO ₃	3.16
K ₂ O	0.64
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	3.66
Not Detected	-0.71
Total	100.71

	%
Insol Residue	0.80
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	98.94

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	11.8
C ₃ A	9.0
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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