

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 09-Jun-24

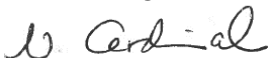
Week No. 2024-23

Compound	%
SiO ₂	19.28
Al ₂ O ₃	5.08
Fe ₂ O ₃	3.01
CaO	64.34
MgO	1.08
SO ₃	3.28
K ₂ O	0.56
Na ₂ O	0.25
Cl	0.04
Loss on Ignition	3.66
Not Detected	-0.57
Total	100.57

	%
Insol Residue	0.80
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	100.03

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	13.1
C ₃ A	10.0
C ₄ AF	6.6

 For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT

National Technical Manager

Heidelberg Materials UK

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