

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 23-Jun-24

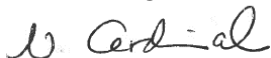
Week No. 2024-25

Compound	%
SiO ₂	19.41
Al ₂ O ₃	5.07
Fe ₂ O ₃	3.07
CaO	64.60
MgO	1.13
SO ₃	3.20
K ₂ O	0.56
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	3.09
Not Detected	-0.43
Total	100.43

	%
Insol Residue	1.22
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	99.92

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	11.8
C ₃ A	9.5
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
National Technical Manager
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