

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 30-Jun-24

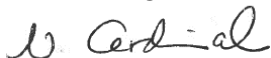
Week No. 2024-26

Compound	%
SiO ₂	19.31
Al ₂ O ₃	5.04
Fe ₂ O ₃	3.09
CaO	64.68
MgO	1.13
SO ₃	3.25
K ₂ O	0.57
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	3.09
Not Detected	-0.47
Total	100.47

	%
Insol Residue	1.22
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	100.43

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	11.5
C ₃ A	9.5
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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