

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 21-Jan-24

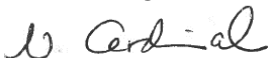
Week No. 2024-3

Compound	%
SiO ₂	20.98
Al ₂ O ₃	5.30
Fe ₂ O ₃	3.06
CaO	63.92
MgO	1.16
SO ₃	3.27
K ₂ O	0.63
Na ₂ O	0.33
Cl	0.05
Loss on Ignition	n/a
Not Detected	1.31
Total	98.70

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	91.87

Clinker compounds by Rietveld analysis	
C ₃ S	63.0
C ₂ S	13.6
C ₃ A	9.6
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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

National Technical Manager

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