

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 25-Aug-24

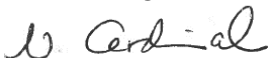
Week No. 2024-34

Compound	%
SiO ₂	19.17
Al ₂ O ₃	5.21
Fe ₂ O ₃	2.96
CaO	64.97
MgO	1.15
SO ₃	3.40
K ₂ O	0.63
Na ₂ O	0.24
Cl	0.06
Loss on Ignition	4.14
Not Detected	-1.92
Total	101.92

	%
Insol Residue	1.46
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	101.23

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	9.8
C ₃ A	9.4
C ₄ AF	7.2

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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