

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 18-Aug-24

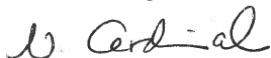
Week No. 2024-33

Compound	%
SiO ₂	19.43
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.06
CaO	64.73
MgO	1.16
SO ₃	3.37
K ₂ O	0.59
Na ₂ O	0.26
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.29
Total	97.71

	%
Insol Residue	n/a
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	99.87

Clinker compounds by Rietveld analysis	
C ₃ S	59.4
C ₂ S	12.5
C ₃ A	9.0
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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