

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 04-May-25

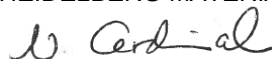
Week No. 2025-17

Compound	%
SiO ₂	19.64
Al ₂ O ₃	5.20
Fe ₂ O ₃	2.94
CaO	64.57
MgO	1.13
SO ₃	2.98
K ₂ O	0.63
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	3.40
Not Detected	-0.81
Total	100.81

	%
Insol Residue	1.04
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	98.99

Clinker compounds by Rietveld analysis	
C ₃ S	61.6
C ₂ S	11.7
C ₃ A	9.0
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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