

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 11-May-25

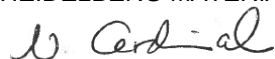
Week No. 2025-18

Compound	%
SiO ₂	20.02
Al ₂ O ₃	5.24
Fe ₂ O ₃	3.01
CaO	64.25
MgO	1.15
SO ₃	2.94
K ₂ O	0.63
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	3.40
Not Detected	-0.96
Total	100.96

	%
Insol Residue	1.04
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	96.75

Clinker compounds by Rietveld analysis	
C ₃ S	60.9
C ₂ S	13.4
C ₃ A	8.7
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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

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