

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 24-Aug-25

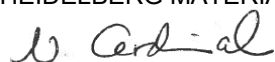
Week No. 2025-33

Compound	%
SiO ₂	20.16
Al ₂ O ₃	5.23
Fe ₂ O ₃	2.99
CaO	64.53
MgO	1.16
SO ₃	3.22
K ₂ O	0.57
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	3.45
Not Detected	-1.60
Total	101.60

	%
Insol Residue	0.89
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	96.36

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	12.3
C ₃ A	8.8
C ₄ AF	5.2

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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