

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 27-Jul-25

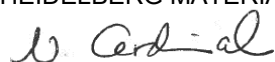
Week No. 2025-29

Compound	%
SiO ₂	19.85
Al ₂ O ₃	5.22
Fe ₂ O ₃	2.94
CaO	64.37
MgO	1.13
SO ₃	3.10
K ₂ O	0.70
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.45
Not Detected	-1.06
Total	101.06

	%
Insol Residue	0.86
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.71
LSF (x 100)	97.58

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	13.6
C ₃ A	8.0
C ₄ AF	6.8

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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