

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 19-Oct-25

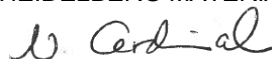
Week No. 2025-41

Compound	%
SiO ₂	20.14
Al ₂ O ₃	5.15
Fe ₂ O ₃	3.06
CaO	64.40
MgO	1.17
SO ₃	3.13
K ₂ O	0.64
Na ₂ O	0.25
Cl	0.05
Loss on Ignition	3.17
Not Detected	-1.15
Total	101.15

	%
Insol Residue	0.80
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	96.41

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	14.6
C ₃ A	9.5
C ₄ AF	8.5

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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