

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 30-Nov-25

Week No. 2025-47

Compound	%
SiO ₂	20.40
Al ₂ O ₃	5.02
Fe ₂ O ₃	3.05
CaO	65.03
MgO	1.10
SO ₃	3.30
K ₂ O	0.56
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	3.17
Not Detected	-1.95
Total	101.95

	%
Insol Residue	0.80
Free CaO	0.4
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	96.33

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	12.1
C ₃ A	9.7
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

Heidelberg Materials UK

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