

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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Composition of Ketton PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ketton

Chemical analysis for week ending 14-Dec-25

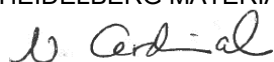
Week No. 2025-49

Compound	%
SiO ₂	19.96
Al ₂ O ₃	4.94
Fe ₂ O ₃	3.08
CaO	65.08
MgO	1.12
SO ₃	3.56
K ₂ O	0.49
Na ₂ O	0.29
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.46
Total	98.54

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na ₂ O (Equiv)	0.62
LSF (x 100)	98.10

Clinker compounds by Rietveld analysis	
C ₃ S	59.1
C ₂ S	10.7
C ₃ A	9.1
C ₄ AF	7.9

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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