

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 06-Apr-25

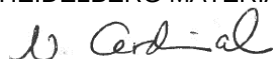
Week No. 2025-13

Compound	%
SiO ₂	18.42
Al ₂ O ₃	4.77
Fe ₂ O ₃	2.78
CaO	63.07
MgO	1.07
SO ₃	2.90
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	n/a
Not Detected	6.09
Total	93.91

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	103.30

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	7.9
C ₃ A	9.1
C ₄ AF	5.7

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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