

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

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

Dispatched from Ketton

Chemical analysis for week ending 03-Aug-25

Week No. 2025-30

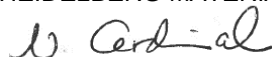
Compound	%
SiO ₂	18.51
Al ₂ O ₃	4.90
Fe ₂ O ₃	2.87
CaO	64.47
MgO	1.14
SO ₃	3.13
K ₂ O	0.69
Na ₂ O	0.26
Cl	0.04
Loss on Ignition	n/a
Not Detected	4.01
Total	95.99

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	104.54

Clinker compounds by Rietveld analysis	
C ₃ S	56.1
C ₂ S	12.5
C ₃ A	7.3
C ₄ AF	4.7

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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