

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 25-May-25

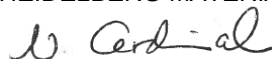
Week No. 2025-20

Compound	%
SiO ₂	19.14
Al ₂ O ₃	4.99
Fe ₂ O ₃	2.93
CaO	64.54
MgO	1.10
SO ₃	3.19
K ₂ O	0.64
Na ₂ O	0.27
Cl	0.04
Loss on Ignition	n/a
Not Detected	3.20
Total	96.80

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	101.39

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	14.0
C ₃ A	7.9
C ₄ AF	6.5

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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