

Chemical Report

Heidelberg Materials
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Ketton
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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 11-Oct-26

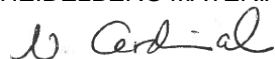
Week No. 2026-40

Compound	%
SiO ₂	19.74
Al ₂ O ₃	4.87
Fe ₂ O ₃	2.99
CaO	65.22
MgO	1.10
SO ₃	3.43
K ₂ O	0.48
Na ₂ O	0.29
Cl	0.03
Loss on Ignition	n/a
Not Detected	1.87
Total	98.13

	%
Insol Residue	n/a
Free CaO	
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	99.64

Clinker compounds by Rietveld analysis	
C ₃ S	56.3
C ₂ S	13.1
C ₃ A	9.1
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
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