

Chemical Report

Heidelberg Materials
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Ketton
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ketton
Chemical analysis for week ending 30-Aug-26

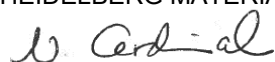
Week No. 2026-34

Compound	%
SiO ₂	20.41
Al ₂ O ₃	5.05
Fe ₂ O ₃	3.02
CaO	65.12
MgO	1.10
SO ₃	3.17
K ₂ O	0.50
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.28
Total	101.28

	%
Insol Residue	0.81
Free CaO	0.2
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	96.54

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	13.9
C ₃ A	10.0
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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