

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 02-Aug-26

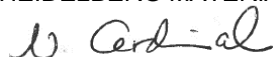
Week No. 2026-30

Compound	%
SiO ₂	20.48
Al ₂ O ₃	5.08
Fe ₂ O ₃	3.08
CaO	64.99
MgO	1.11
SO ₃	3.09
K ₂ O	0.48
Na ₂ O	0.31
Cl	0.03
Loss on Ignition	2.59
Not Detected	-1.22
Total	101.22

	%
Insol Residue	0.81
Free CaO	0.1
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	96.03

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	13.7
C ₃ A	9.6
C ₄ AF	8.5

For and on behalf of
HEIDELBERG MATERIALS UK



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