

## Chemical Report

Heidelberg Materials  
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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Ketton  
Chemical analysis for week ending 12-Apr-26

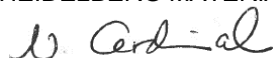
Week No. 2026-14

Compound	%
SiO <sub>2</sub>	20.38
Al <sub>2</sub> O <sub>3</sub>	5.01
Fe <sub>2</sub> O <sub>3</sub>	3.06
CaO	64.62
MgO	1.11
SO <sub>3</sub>	3.09
K <sub>2</sub> O	0.50
Na <sub>2</sub> O	0.30
Cl	0.03
Loss on Ignition	3.16
Not Detected	-1.26
Total	101.26

	%
Insol Residue	0.72
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	95.99

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.3
C <sub>2</sub> S	13.6
C <sub>3</sub> A	8.7
C <sub>4</sub> AF	8.5

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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