

## 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 07-Jun-26

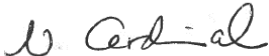
Week No. 2026-22

Compound	%
SiO <sub>2</sub>	20.45
Al <sub>2</sub> O <sub>3</sub>	5.03
Fe <sub>2</sub> O <sub>3</sub>	3.03
CaO	64.57
MgO	1.12
SO <sub>3</sub>	3.04
K <sub>2</sub> O	0.51
Na <sub>2</sub> O	0.31
Cl	0.03
Loss on Ignition	3.24
Not Detected	-1.33
Total	101.33

	%
Insol Residue	1.18
Free CaO	0.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	95.71

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.6
C <sub>2</sub> S	12.7
C <sub>3</sub> A	9.9
C <sub>4</sub> AF	7.6

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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