

## Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

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Composition of Ketton PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ketton

Chemical analysis for week ending 25-Jan-26

Week No. 2026-3

Compound	%
SiO <sub>2</sub>	20.78
Al <sub>2</sub> O <sub>3</sub>	5.11
Fe <sub>2</sub> O <sub>3</sub>	3.09
CaO	64.76
MgO	1.12
SO <sub>3</sub>	3.18
K <sub>2</sub> O	0.55
Na <sub>2</sub> O	0.29
Cl	0.04
Loss on Ignition	n/a
Not Detected	1.09
Total	98.91

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	94.30

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.9
C <sub>2</sub> S	13.3
C <sub>3</sub> A	9.3
C <sub>4</sub> AF	8.2

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT

Technical Strategy Director

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