

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 22-Dec-24

Week No. 2024-51

Compound	%
SiO ₂	20.69
Al ₂ O ₃	5.42
Fe ₂ O ₃	2.94
CaO	63.71
MgO	1.17
SO ₃	2.91
K ₂ O	0.62
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	0.64
Not Detected	1.56
Total	98.44

	%
Insol Residue	0.76
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.72
LSF (x 100)	92.99

Clinker compounds by Rietveld analysis	
C ₃ S	60.5
C ₂ S	13.9
C ₃ A	9.7
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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