

Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

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

Dispatched from Ribblesdale

Chemical analysis for week ending 27-Apr-25

Week No. 2025-16

Compound	%
SiO ₂	19.11
Al ₂ O ₃	4.67
Fe ₂ O ₃	2.55
CaO	62.17
MgO	2.19
SO ₃	3.41
K ₂ O	0.65
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	2.88
Not Detected	2.07
Total	97.93

	%
Insol Residue	0.49
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.38

Clinker compounds by Rietveld analysis	
C ₃ S	58.8
C ₂ S	15.6
C ₃ A	6.9
C ₄ AF	6.4

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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