

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 22-Dec-24

Week No. 2024-51

Compound	%
SiO ₂	21.08
Al ₂ O ₃	4.87
Fe ₂ O ₃	2.65
CaO	64.95
MgO	2.42
SO ₃	3.49
K ₂ O	0.57
Na ₂ O	0.27
Cl	0.06
Loss on Ignition	3.00
Not Detected	-3.36
Total	103.36

	%
Insol Residue	0.54
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	93.86

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	16.7
C ₃ A	4.7
C ₄ AF	8.1

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
National Technical Manager
Heidelberg Materials UK

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