

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 02-Feb-25

Week No. 2025-4

Compound	%
SiO ₂	20.10
Al ₂ O ₃	4.71
Fe ₂ O ₃	2.61
CaO	63.46
MgO	2.25
SO ₃	3.43
K ₂ O	0.59
Na ₂ O	0.28
Cl	0.06
Loss on Ignition	3.02
Not Detected	-0.51
Total	100.51

	%
Insol Residue	0.72
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	95.96

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	18.3
C ₃ A	5.1
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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