

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 13-Jul-25

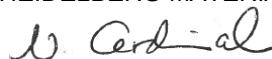
Week No. 2025-27

Compound	%
SiO ₂	19.38
Al ₂ O ₃	4.73
Fe ₂ O ₃	2.40
CaO	63.04
MgO	2.11
SO ₃	3.39
K ₂ O	0.67
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	2.66
Not Detected	1.31
Total	98.69

	%
Insol Residue	0.89
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	98.66

Clinker compounds by Rietveld analysis	
C ₃ S	59.8
C ₂ S	16.0
C ₃ A	6.5
C ₄ AF	6.1

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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