

Chemical Report

Heidelberg Materials

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

Dispatched from Ribblesdale

Chemical analysis for week ending 28-Sep-25

Week No. 2025-38

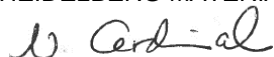
Compound	%
SiO ₂	19.26
Al ₂ O ₃	4.48
Fe ₂ O ₃	2.58
CaO	63.63
MgO	2.18
SO ₃	3.37
K ₂ O	0.63
Na ₂ O	0.26
Cl	0.07
Loss on Ignition	3.22
Not Detected	0.31
Total	99.69

	%
Insol Residue	0.65
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	100.50

Clinker compounds by Rietveld analysis	
C ₃ S	63.3
C ₂ S	13.7
C ₃ A	4.5
C ₄ AF	7.8

For and on behalf of

HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT

Technical Strategy Director

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