

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 07-Sep-25

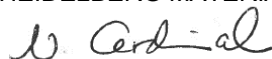
Week No. 2025-35

Compound	%
SiO ₂	19.88
Al ₂ O ₃	4.88
Fe ₂ O ₃	2.44
CaO	63.90
MgO	2.34
SO ₃	3.34
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.07
Loss on Ignition	3.22
Not Detected	-0.95
Total	100.95

	%
Insol Residue	0.65
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	97.54

Clinker compounds by Rietveld analysis	
C ₃ S	61.5
C ₂ S	16.7
C ₃ A	5.1
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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