

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 12-Oct-25

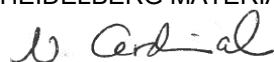
Week No. 2025-40

Compound	%
SiO ₂	19.62
Al ₂ O ₃	4.52
Fe ₂ O ₃	2.63
CaO	63.73
MgO	2.61
SO ₃	3.44
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	2.26
Not Detected	0.21
Total	99.79

	%
Insol Residue	0.57
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	98.79

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	12.5
C ₃ A	4.2
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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