

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 02-Nov-25

Week No. 2025-43

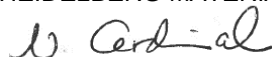
Compound	%
SiO ₂	19.81
Al ₂ O ₃	4.82
Fe ₂ O ₃	2.42
CaO	63.45
MgO	2.44
SO ₃	3.40
K ₂ O	0.64
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.43
Not Detected	-0.74
Total	100.74

	%
Insol Residue	0.66
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	97.23

Clinker compounds by Rietveld analysis	
C ₃ S	56.5
C ₂ S	18.8
C ₃ A	6.2
C ₄ AF	6.3

For and on behalf of

HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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