

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 08-Feb-26

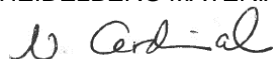
Week No. 2026-5

Compound	%
SiO ₂	19.36
Al ₂ O ₃	4.37
Fe ₂ O ₃	2.54
CaO	63.25
MgO	2.51
SO ₃	3.33
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.34
Not Detected	0.34
Total	99.66

	%
Insol Residue	0.65
Free CaO	2.2
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	99.71

Clinker compounds by Rietveld analysis	
C ₃ S	64.0
C ₂ S	11.7
C ₃ A	5.4
C ₄ AF	7.9

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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