

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-Mar-26

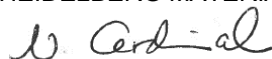
Week No. 2026-9

Compound	%
SiO ₂	19.36
Al ₂ O ₃	4.28
Fe ₂ O ₃	2.55
CaO	63.43
MgO	2.35
SO ₃	3.26
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	3.30
Not Detected	0.54
Total	99.46

	%
Insol Residue	0.65
Free CaO	2.2
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	100.24

Clinker compounds by Rietveld analysis	
C ₃ S	63.5
C ₂ S	11.9
C ₃ A	6.1
C ₄ AF	7.1

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

Heidelberg Materials UK

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