

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 29-Mar-26

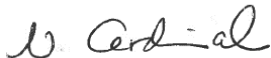
Week No. 2026-12

Compound	%
SiO ₂	19.27
Al ₂ O ₃	4.52
Fe ₂ O ₃	2.60
CaO	63.11
MgO	2.44
SO ₃	3.30
K ₂ O	0.70
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.30
Not Detected	0.43
Total	99.57

	%
Insol Residue	0.74
Free CaO	2.8
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	99.57

Clinker compounds by Rietveld analysis	
C ₃ S	58.5
C ₂ S	16.6
C ₃ A	5.8
C ₄ AF	6.6

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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