

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 06-Jul-25

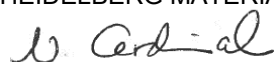
Week No. 2025-26

Compound	%
SiO ₂	19.68
Al ₂ O ₃	4.61
Fe ₂ O ₃	2.48
CaO	63.08
MgO	2.05
SO ₃	3.41
K ₂ O	0.65
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.44
Not Detected	0.28
Total	99.72

	%
Insol Residue	0.64
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	97.52

Clinker compounds by Rietveld analysis	
C ₃ S	59.7
C ₂ S	16.2
C ₃ A	5.1
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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