

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 27-Jul-25

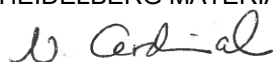
Week No. 2025-29

Compound	%
SiO ₂	19.29
Al ₂ O ₃	4.76
Fe ₂ O ₃	2.41
CaO	63.89
MgO	2.24
SO ₃	3.38
K ₂ O	0.66
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	3.51
Not Detected	-0.45
Total	100.45

	%
Insol Residue	0.54
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	100.39

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	13.2
C ₃ A	6.5
C ₄ AF	5.9

For and on behalf of
HEIDELBERG MATERIALS UK



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

Technical Strategy Director

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