

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 30-Nov-25

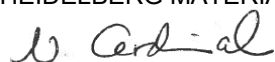
Week No. 2025-47

Compound	%
SiO ₂	19.91
Al ₂ O ₃	4.70
Fe ₂ O ₃	2.47
CaO	64.36
MgO	2.47
SO ₃	3.40
K ₂ O	0.65
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	3.43
Not Detected	-1.70
Total	101.70

	%
Insol Residue	0.66
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.38

Clinker compounds by Rietveld analysis	
C ₃ S	63.1
C ₂ S	12.5
C ₃ A	6.0
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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