

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 07-Dec-25

Week No. 2025-48

Compound	%
SiO ₂	19.66
Al ₂ O ₃	4.49
Fe ₂ O ₃	2.62
CaO	63.42
MgO	2.23
SO ₃	3.27
K ₂ O	0.60
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	3.43
Not Detected	-0.04
Total	100.04

	%
Insol Residue	0.66
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	98.38

Clinker compounds by Rietveld analysis	
C ₃ S	64.7
C ₂ S	11.9
C ₃ A	4.3
C ₄ AF	7.9

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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