

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 11-Jan-26

Week No. 2026-1

Compound	%
SiO ₂	19.25
Al ₂ O ₃	4.51
Fe ₂ O ₃	2.67
CaO	63.38
MgO	2.31
SO ₃	3.27
K ₂ O	0.62
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	3.30
Not Detected	0.38
Total	99.62

	%
Insol Residue	0.69
Free CaO	2.0
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	100.13

Clinker compounds by Rietveld analysis	
C ₃ S	62.1
C ₂ S	12.7
C ₃ A	6.6
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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