

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 22-Feb-26

Week No. 2026-7

Compound	%
SiO ₂	19.45
Al ₂ O ₃	4.39
Fe ₂ O ₃	2.49
CaO	63.14
MgO	2.47
SO ₃	3.34
K ₂ O	0.63
Na ₂ O	0.28
Cl	0.07
Loss on Ignition	3.25
Not Detected	0.49
Total	99.51

	%
Insol Residue	0.66
Free CaO	2.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	99.12

Clinker compounds by Rietveld analysis	
C ₃ S	63.7
C ₂ S	11.9
C ₃ A	6.0
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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