

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 23-Feb-25

Week No. 2025-7

Compound	%
SiO ₂	19.77
Al ₂ O ₃	4.79
Fe ₂ O ₃	2.58
CaO	62.99
MgO	2.11
SO ₃	3.38
K ₂ O	0.61
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	2.98
Not Detected	0.46
Total	99.54

	%
Insol Residue	0.72
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	96.62

Clinker compounds by Rietveld analysis	
C ₃ S	58.4
C ₂ S	18.7
C ₃ A	5.5
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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