

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 13-Apr-25

Week No. 2025-14

Compound	%
SiO ₂	19.29
Al ₂ O ₃	4.67
Fe ₂ O ₃	2.55
CaO	61.57
MgO	2.26
SO ₃	3.50
K ₂ O	0.65
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	2.31
Not Detected	2.88
Total	97.12

	%
Insol Residue	0.66
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	96.54

Clinker compounds by Rietveld analysis	
C ₃ S	56.5
C ₂ S	18.2
C ₃ A	6.1
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



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