

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 16-Mar-25

Week No. 2025-10

Compound	%
SiO ₂	19.44
Al ₂ O ₃	4.67
Fe ₂ O ₃	2.58
CaO	62.52
MgO	2.10
SO ₃	3.48
K ₂ O	0.63
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	2.95
Not Detected	1.32
Total	98.68

	%
Insol Residue	0.62
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.39

Clinker compounds by Rietveld analysis	
C ₃ S	58.0
C ₂ S	16.2
C ₃ A	5.1
C ₄ AF	8.1

For and on behalf of
HEIDELBERG MATERIALS UK



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