

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 30-Mar-25

Week No. 2025-12

Compound	%
SiO ₂	19.03
Al ₂ O ₃	4.82
Fe ₂ O ₃	2.50
CaO	61.47
MgO	2.34
SO ₃	3.41
K ₂ O	0.66
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	2.95
Not Detected	2.49
Total	97.51

	%
Insol Residue	0.62
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.36

Clinker compounds by Rietveld analysis	
C ₃ S	56.5
C ₂ S	18.2
C ₃ A	7.0
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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