

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 09-Mar-25

Week No. 2025-9

Compound	%
SiO ₂	19.50
Al ₂ O ₃	4.66
Fe ₂ O ₃	2.32
CaO	63.32
MgO	1.81
SO ₃	3.33
K ₂ O	0.60
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	2.95
Not Detected	1.22
Total	98.78

	%
Insol Residue	0.68
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	98.84

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	16.3
C ₃ A	5.0
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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