

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 18-May-25

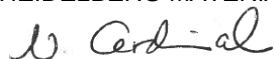
Week No. 2025-19

Compound	%
SiO ₂	19.79
Al ₂ O ₃	4.65
Fe ₂ O ₃	2.51
CaO	62.83
MgO	2.02
SO ₃	3.35
K ₂ O	0.65
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	2.64
Not Detected	1.24
Total	98.76

	%
Insol Residue	0.87
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	96.57

Clinker compounds by Rietveld analysis	
C ₃ S	58.0
C ₂ S	17.9
C ₃ A	6.2
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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