

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 08-Jun-25

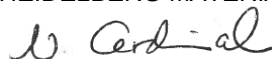
Week No. 2025-22

Compound	%
SiO ₂	19.98
Al ₂ O ₃	4.78
Fe ₂ O ₃	2.47
CaO	63.04
MgO	2.33
SO ₃	3.47
K ₂ O	0.67
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.44
Not Detected	-0.51
Total	100.51

	%
Insol Residue	0.72
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	95.82

Clinker compounds by Rietveld analysis	
C ₃ S	58.1
C ₂ S	17.3
C ₃ A	6.8
C ₄ AF	6.0

For and on behalf of
HEIDELBERG MATERIALS UK



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