

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 22-Jun-25

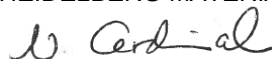
Week No. 2025-24

Compound	%
SiO ₂	19.80
Al ₂ O ₃	4.78
Fe ₂ O ₃	2.46
CaO	62.84
MgO	1.84
SO ₃	3.29
K ₂ O	0.60
Na ₂ O	0.26
Cl	0.07
Loss on Ignition	3.44
Not Detected	0.62
Total	99.38

	%
Insol Residue	0.72
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	96.43

Clinker compounds by Rietveld analysis	
C ₃ S	60.6
C ₂ S	16.4
C ₃ A	5.3
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK



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