

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 07-Jan-24

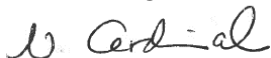
Week No. 2024-1

Compound	%
SiO ₂	19.60
Al ₂ O ₃	4.99
Fe ₂ O ₃	2.29
CaO	64.31
MgO	2.04
SO ₃	3.57
K ₂ O	0.61
Na ₂ O	0.30
Cl	0.04
Loss on Ignition	2.90
Not Detected	-0.63
Total	100.63

	%
Insol Residue	0.54
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	99.18

Clinker compounds by Rietveld analysis	
C ₃ S	60.7
C ₂ S	11.6
C ₃ A	9.5
C ₄ AF	5.4

For and on behalf of
HEIDELBERG MATERIALS UK



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