

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-Apr-24

Week No. 2024-14

Compound	%
SiO ₂	19.58
Al ₂ O ₃	5.27
Fe ₂ O ₃	2.49
CaO	64.09
MgO	2.52
SO ₃	3.55
K ₂ O	0.72
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	3.08
Not Detected	-1.60
Total	101.60

	%
Insol Residue	0.52
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	98.18

Clinker compounds by Rietveld analysis	
C ₃ S	54.5
C ₂ S	20.2
C ₃ A	7.4
C ₄ AF	6.2

For and on behalf of
HEIDELBERG MATERIALS UK



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