

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 25-Feb-24

Week No. 2024-8

Compound	%
SiO ₂	19.67
Al ₂ O ₃	5.36
Fe ₂ O ₃	2.37
CaO	64.43
MgO	2.41
SO ₃	3.48
K ₂ O	0.69
Na ₂ O	0.24
Cl	0.06
Loss on Ignition	2.93
Not Detected	-1.64
Total	101.64

	%
Insol Residue	0.56
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.34

Clinker compounds by Rietveld analysis	
C ₃ S	58.4
C ₂ S	17.2
C ₃ A	8.9
C ₄ AF	5.6

For and on behalf of
HEIDELBERG MATERIALS UK



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