

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-Sep-24

Week No. 2024-38

Compound	%
SiO ₂	19.92
Al ₂ O ₃	4.69
Fe ₂ O ₃	2.65
CaO	64.19
MgO	2.18
SO ₃	3.54
K ₂ O	0.65
Na ₂ O	0.20
Cl	0.07
Loss on Ignition	3.33
Not Detected	-1.40
Total	101.41

	%
Insol Residue	0.61
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	97.80

Clinker compounds by Rietveld analysis	
C ₃ S	59.5
C ₂ S	16.4
C ₃ A	4.5
C ₄ AF	8.6

For and on behalf of
HEIDELBERG MATERIALS UK



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