

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 01-Dec-24

Week No. 2024-48

Compound	%
SiO ₂	20.71
Al ₂ O ₃	5.03
Fe ₂ O ₃	2.82
CaO	64.41
MgO	2.56
SO ₃	3.45
K ₂ O	0.59
Na ₂ O	0.31
Cl	0.07
Loss on Ignition	3.00
Not Detected	-2.96
Total	102.96

	%
Insol Residue	0.60
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	94.14

Clinker compounds by Rietveld analysis	
C ₃ S	56.3
C ₂ S	18.1
C ₃ A	5.4
C ₄ AF	8.9

For and on behalf of
HEIDELBERG MATERIALS UK



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