

Chemical Report

Heidelberg Materials

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Composition of Ribblesdale PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 15-Dec-24

Week No. 2024-50

Compound	%
SiO ₂	20.01
Al ₂ O ₃	4.50
Fe ₂ O ₃	2.50
CaO	63.89
MgO	2.25
SO ₃	3.51
K ₂ O	0.55
Na ₂ O	0.27
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.49
Total	97.51

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	97.44

Clinker compounds by Rietveld analysis	
C ₃ S	58.6
C ₂ S	14.1
C ₃ A	4.1
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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