

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 24-Dec-23

Week No. 2023-51

Compound	%
SiO ₂	19.47
Al ₂ O ₃	4.29
Fe ₂ O ₃	2.48
CaO	64.10
MgO	1.75
SO ₃	3.19
K ₂ O	0.55
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	3.92
Total	96.08

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	101.01

Clinker compounds by Rietveld analysis	
C ₃ S	51.0
C ₂ S	18.8
C ₃ A	3.7
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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