

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 20-Apr-25

Week No. 2025-15

Compound	%
SiO ₂	17.92
Al ₂ O ₃	3.99
Fe ₂ O ₃	2.48
CaO	62.31
MgO	1.67
SO ₃	2.53
K ₂ O	0.49
Na ₂ O	0.21
Cl	0.08
Loss on Ignition	n/a
Not Detected	8.32
Total	91.68

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	107.00

Clinker compounds by Rietveld analysis	
C ₃ S	58.4
C ₂ S	12.8
C ₃ A	4.4
C ₄ AF	8.4

For and on behalf of
HEIDELBERG MATERIALS UK



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