

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 12-Jan-25

Week No. 2025-1

Compound	%
SiO ₂	20.13
Al ₂ O ₃	4.38
Fe ₂ O ₃	2.48
CaO	64.02
MgO	2.24
SO ₃	3.60
K ₂ O	0.53
Na ₂ O	0.23
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.36
Total	97.64

	%
Insol Residue	n/a
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	97.29

Clinker compounds by Rietveld analysis	
C ₃ S	57.3
C ₂ S	14.8
C ₃ A	4.4
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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