

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 01-Dec-24

Week No. 2024-48

Compound	%
SiO ₂	20.41
Al ₂ O ₃	4.95
Fe ₂ O ₃	2.73
CaO	65.22
MgO	2.48
SO ₃	3.25
K ₂ O	0.62
Na ₂ O	0.30
Cl	0.07
Loss on Ignition	n/a
Not Detected	0.00
Total	100.01

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	97.04

Clinker compounds by Rietveld analysis	
C ₃ S	52.0
C ₂ S	18.6
C ₃ A	5.8
C ₄ AF	7.7

For and on behalf of
HEIDELBERG MATERIALS UK



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