

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 22-Dec-24

Week No. 2024-51

Compound	%
SiO ₂	20.14
Al ₂ O ₃	4.77
Fe ₂ O ₃	2.58
CaO	63.96
MgO	2.40
SO ₃	3.50
K ₂ O	0.57
Na ₂ O	0.17
Cl	0.06
Loss on Ignition	n/a
Not Detected	1.87
Total	98.13

	%
Insol Residue	n/a
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	96.45

Clinker compounds by Rietveld analysis	
C ₃ S	56.3
C ₂ S	15.0
C ₃ A	5.9
C ₄ AF	7.2

For and on behalf of
HEIDELBERG MATERIALS UK



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