

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-Oct-24

Week No. 2024-42

Compound	%
SiO ₂	19.72
Al ₂ O ₃	4.64
Fe ₂ O ₃	2.41
CaO	65.91
MgO	2.30
SO ₃	3.17
K ₂ O	0.65
Na ₂ O	0.21
Cl	0.07
Loss on Ignition	n/a
Not Detected	0.93
Total	99.07

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	102.16

Clinker compounds by Rietveld analysis	
C ₃ S	57.9
C ₂ S	14.4
C ₃ A	4.0
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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