

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 11-Feb-24

Week No. 2024-6

Compound	%
SiO ₂	19.07
Al ₂ O ₃	4.77
Fe ₂ O ₃	2.07
CaO	65.08
MgO	2.14
SO ₃	3.34
K ₂ O	0.63
Na ₂ O	0.24
Cl	0.06
Loss on Ignition	n/a
Not Detected	2.60
Total	97.40

	%
Insol Residue	n/a
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.59
LSF (x 100)	103.80

Clinker compounds by Rietveld analysis	
C ₃ S	60.4
C ₂ S	9.7
C ₃ A	7.9
C ₄ AF	5.2

For and on behalf of
HEIDELBERG MATERIALS UK



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