

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 02-Feb-25

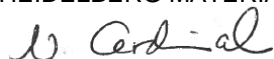
Week No. 2025-4

Compound	%
SiO ₂	19.67
Al ₂ O ₃	4.57
Fe ₂ O ₃	2.58
CaO	63.27
MgO	2.14
SO ₃	3.15
K ₂ O	0.60
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	n/a
Not Detected	3.73
Total	96.27

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	98.13

Clinker compounds by Rietveld analysis	
C ₃ S	54.0
C ₂ S	18.9
C ₃ A	4.5
C ₄ AF	8.0

For and on behalf of
HEIDELBERG MATERIALS UK



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