

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 09-Mar-25

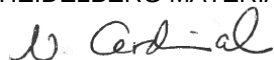
Week No. 2025-9

Compound	%
SiO ₂	18.41
Al ₂ O ₃	4.58
Fe ₂ O ₃	2.31
CaO	63.68
MgO	1.64
SO ₃	3.15
K ₂ O	0.56
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	n/a
Not Detected	5.38
Total	94.62

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	105.04

Clinker compounds by Rietveld analysis	
C ₃ S	58.7
C ₂ S	14.7
C ₃ A	4.2
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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