

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 19-Jan-25

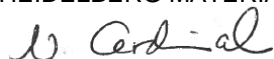
Week No. 2025-2

Compound	%
SiO ₂	19.99
Al ₂ O ₃	4.41
Fe ₂ O ₃	2.53
CaO	64.30
MgO	2.13
SO ₃	3.50
K ₂ O	0.56
Na ₂ O	0.22
Cl	0.06
Loss on Ignition	n/a
Not Detected	2.31
Total	97.70

	%
Insol Residue	n/a
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	98.32

Clinker compounds by Rietveld analysis	
C ₃ S	57.4
C ₂ S	15.6
C ₃ A	4.3
C ₄ AF	7.6

For and on behalf of
HEIDELBERG MATERIALS UK



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