

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 13-Oct-24

Week No. 2024-41

Compound	%
SiO ₂	20.27
Al ₂ O ₃	4.70
Fe ₂ O ₃	2.55
CaO	65.42
MgO	2.10
SO ₃	3.17
K ₂ O	0.64
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	0.90
Total	99.10

	%
Insol Residue	n/a
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	98.70

Clinker compounds by Rietveld analysis	
C ₃ S	54.6
C ₂ S	18.3
C ₃ A	3.9
C ₄ AF	8.0

For and on behalf of
HEIDELBERG MATERIALS UK



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