

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 17-Mar-24

Week No. 2024-11

Compound	%
SiO ₂	18.77
Al ₂ O ₃	4.75
Fe ₂ O ₃	2.35
CaO	64.26
MgO	2.29
SO ₃	3.29
K ₂ O	0.62
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	n/a
Not Detected	3.39
Total	96.61

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.61
LSF (x 100)	103.96

Clinker compounds by Rietveld analysis	
C ₃ S	49.6
C ₂ S	22.0
C ₃ A	6.1
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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