

## Chemical Report

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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 6-Oct-24

Week No. 2024-40

Compound	%
SiO <sub>2</sub>	20.12
Al <sub>2</sub> O <sub>3</sub>	4.66
Fe <sub>2</sub> O <sub>3</sub>	2.66
CaO	65.68
MgO	2.12
SO <sub>3</sub>	3.16
K <sub>2</sub> O	0.67
Na <sub>2</sub> O	0.20
Cl	0.07
Loss on Ignition	n/a
Not Detected	0.68
Total	99.32

	%
Insol Residue	n/a
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.62
LSF (x 100)	99.72

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.9
C <sub>2</sub> S	12.9
C <sub>3</sub> A	4.3
C <sub>4</sub> AF	8.9

For and on behalf of  
HEIDELBERG MATERIALS UK



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