

## 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 30-Jun-24

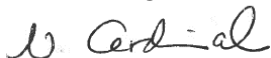
Week No. 2024-26

Compound	%
SiO <sub>2</sub>	19.63
Al <sub>2</sub> O <sub>3</sub>	4.55
Fe <sub>2</sub> O <sub>3</sub>	2.37
CaO	63.68
MgO	1.94
SO <sub>3</sub>	3.17
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	3.80
Total	96.20

	%
Insol Residue	n/a
Free CaO	0.3
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	99.25

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	53.0
C <sub>2</sub> S	20.8
C <sub>3</sub> A	4.9
C <sub>4</sub> AF	7.5

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
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