

## 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 10-Mar-24

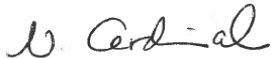
Week No. 2024-10

Compound	%
SiO <sub>2</sub>	19.86
Al <sub>2</sub> O <sub>3</sub>	5.15
Fe <sub>2</sub> O <sub>3</sub>	2.34
CaO	63.89
MgO	2.11
SO <sub>3</sub>	3.34
K <sub>2</sub> O	0.72
Na <sub>2</sub> O	0.24
Cl	0.05
Loss on Ignition	n/a
Not Detected	2.33
Total	97.67

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.61
LSF (x 100)	97.30

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	51.1
C <sub>2</sub> S	19.7
C <sub>3</sub> A	7.0
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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