

## 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 07-Apr-24

Week No. 2024-14

Compound	%
SiO <sub>2</sub>	17.94
Al <sub>2</sub> O <sub>3</sub>	4.86
Fe <sub>2</sub> O <sub>3</sub>	2.37
CaO	64.09
MgO	2.37
SO <sub>3</sub>	3.55
K <sub>2</sub> O	0.71
Na <sub>2</sub> O	0.23
Cl	0.07
Loss on Ignition	n/a
Not Detected	3.81
Total	96.19

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	106.94

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	54.9
C <sub>2</sub> S	17.1
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	5.6

For and on behalf of  
HEIDELBERG MATERIALS UK



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