

## 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 21-Jul-24

Week No. 2024-29

Compound	%
SiO <sub>2</sub>	20.23
Al <sub>2</sub> O <sub>3</sub>	4.56
Fe <sub>2</sub> O <sub>3</sub>	2.50
CaO	65.11
MgO	1.98
SO <sub>3</sub>	3.35
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.27
Cl	0.07
Loss on Ignition	n/a
Not Detected	1.35
Total	98.65

	%
Insol Residue	n/a
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.63
LSF (x 100)	98.68

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.2
C <sub>2</sub> S	17.5
C <sub>3</sub> A	3.6
C <sub>4</sub> AF	8.1

For and on behalf of  
HEIDELBERG MATERIALS UK



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