

## 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 18-Aug-24

Week No. 2024-33

Compound	%
SiO <sub>2</sub>	19.22
Al <sub>2</sub> O <sub>3</sub>	4.50
Fe <sub>2</sub> O <sub>3</sub>	2.55
CaO	66.45
MgO	1.69
SO <sub>3</sub>	3.40
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.25
Cl	0.06
Loss on Ignition	n/a
Not Detected	1.32
Total	98.68

	%
Insol Residue	n/a
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.62
LSF (x 100)	105.33

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.9
C <sub>2</sub> S	9.2
C <sub>3</sub> A	5.3
C <sub>4</sub> AF	6.4

For and on behalf of  
HEIDELBERG MATERIALS UK



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