

## 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 12-May-24

Week No. 2024-19

Compound	%
SiO <sub>2</sub>	20.26
Al <sub>2</sub> O <sub>3</sub>	4.98
Fe <sub>2</sub> O <sub>3</sub>	2.48
CaO	65.00
MgO	2.57
SO <sub>3</sub>	3.17
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.28
Cl	0.06
Loss on Ignition	n/a
Not Detected	0.59
Total	99.41

	%
Insol Residue	n/a
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	97.61

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	51.1
C <sub>2</sub> S	20.8
C <sub>3</sub> A	6.1
C <sub>4</sub> AF	7.8

For and on behalf of  
HEIDELBERG MATERIALS UK



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