

## Chemical Report

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 12-Jan-25

Week No. 2025-1

Compound	%
SiO <sub>2</sub>	20.75
Al <sub>2</sub> O <sub>3</sub>	5.17
Fe <sub>2</sub> O <sub>3</sub>	2.67
CaO	63.74
MgO	2.46
SO <sub>3</sub>	3.46
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	0.86
Total	99.14

	%
Insol Residue	n/a
Free CaO	1.2
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	92.85

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.3
C <sub>2</sub> S	18.9
C <sub>3</sub> A	6.3
C <sub>4</sub> AF	8.3

For and on behalf of  
HEIDELBERG MATERIALS UK



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