

## 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 8-Sep-24

Week No. 2024-36

Compound	%
SiO <sub>2</sub>	19.57
Al <sub>2</sub> O <sub>3</sub>	4.63
Fe <sub>2</sub> O <sub>3</sub>	2.70
CaO	64.84
MgO	2.22
SO <sub>3</sub>	3.56
K <sub>2</sub> O	0.64
Na <sub>2</sub> O	0.18
Cl	0.07
Loss on Ignition	3.33
Not Detected	-1.75
Total	101.75

	%
Insol Residue	0.61
Free CaO	0.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.64
LSF (x 100)	100.41

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.4
C <sub>2</sub> S	16.7
C <sub>3</sub> A	4.9
C <sub>4</sub> AF	8.2

For and on behalf of  
HEIDELBERG MATERIALS UK



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