

## Chemical Report

Heidelberg Materials

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

Dispatched from Ribblesdale

Chemical analysis for week ending 15-Dec-24

Week No. 2024-50

Compound	%
SiO <sub>2</sub>	20.58
Al <sub>2</sub> O <sub>3</sub>	5.04
Fe <sub>2</sub> O <sub>3</sub>	2.72
CaO	64.52
MgO	2.37
SO <sub>3</sub>	3.42
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.28
Cl	0.06
Loss on Ignition	3.00
Not Detected	-2.57
Total	102.57

	%
Insol Residue	0.54
Free CaO	1.5
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	94.95

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.3
C <sub>2</sub> S	16.6
C <sub>3</sub> A	5.2
C <sub>4</sub> AF	8.1

For and on behalf of  
HEIDELBERG MATERIALS UK



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