



## 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 21-Dec-25

Week No. 2025-50

Compound	%
SiO <sub>2</sub>	18.88
Al <sub>2</sub> O <sub>3</sub>	4.33
Fe <sub>2</sub> O <sub>3</sub>	2.69
CaO	63.53
MgO	2.15
SO <sub>3</sub>	3.16
K <sub>2</sub> O	0.60
Na <sub>2</sub> O	0.25
Cl	0.06
Loss on Ignition	3.16
Not Detected	1.19
Total	98.81

	%
Insol Residue	0.71
Free CaO	1.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	102.52

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.7
C <sub>2</sub> S	13.2
C <sub>3</sub> A	6.8
C <sub>4</sub> AF	7.0

For and on behalf of  
HEIDELBERG MATERIALS UK

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