

## 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 4-Feb-24

Week No. 2024-5

Compound	%
SiO <sub>2</sub>	19.79
Al <sub>2</sub> O <sub>3</sub>	5.06
Fe <sub>2</sub> O <sub>3</sub>	2.30
CaO	65.17
MgO	2.26
SO <sub>3</sub>	3.42
K <sub>2</sub> O	0.69
Na <sub>2</sub> O	0.23
Cl	0.05
Loss on Ignition	3.01
Not Detected	-1.98
Total	101.98

	%
Insol Residue	0.54
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	99.69

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.4
C <sub>2</sub> S	14.7
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	7.0

For and on behalf of  
HEIDELBERG MATERIALS UK



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