

## 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 18-Feb-24

Week No. 2024-7

Compound	%
SiO <sub>2</sub>	19.49
Al <sub>2</sub> O <sub>3</sub>	5.29
Fe <sub>2</sub> O <sub>3</sub>	2.34
CaO	65.47
MgO	2.19
SO <sub>3</sub>	3.29
K <sub>2</sub> O	0.66
Na <sub>2</sub> O	0.23
Cl	0.06
Loss on Ignition	2.93
Not Detected	-1.94
Total	101.94

	%
Insol Residue	0.56
Free CaO	1.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	101.19

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.3
C <sub>2</sub> S	14.6
C <sub>3</sub> A	8.8
C <sub>4</sub> AF	5.9

For and on behalf of  
HEIDELBERG MATERIALS UK



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