

## 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 11-Feb-24

Week No. 2024-6

Compound	%
SiO <sub>2</sub>	19.48
Al <sub>2</sub> O <sub>3</sub>	4.89
Fe <sub>2</sub> O <sub>3</sub>	2.31
CaO	64.50
MgO	2.13
SO <sub>3</sub>	3.30
K <sub>2</sub> O	0.66
Na <sub>2</sub> O	0.24
Cl	0.05
Loss on Ignition	3.01
Not Detected	-0.57
Total	100.57

	%
Insol Residue	0.54
Free CaO	1.1
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	100.44

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.9
C <sub>2</sub> S	15.7
C <sub>3</sub> A	7.4
C <sub>4</sub> AF	6.9

For and on behalf of  
HEIDELBERG MATERIALS UK



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