

## 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-Jan-24

Week No. 2024-3

Compound	%
SiO <sub>2</sub>	19.52
Al <sub>2</sub> O <sub>3</sub>	4.95
Fe <sub>2</sub> O <sub>3</sub>	2.28
CaO	64.47
MgO	2.15
SO <sub>3</sub>	3.48
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.30
Cl	0.04
Loss on Ignition	2.86
Not Detected	-0.66
Total	100.66

	%
Insol Residue	0.67
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	99.94

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.2
C <sub>2</sub> S	13.3
C <sub>3</sub> A	8.6
C <sub>4</sub> AF	5.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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