

## 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 09-Jun-24

Week No. 2024-23

Compound	%
SiO <sub>2</sub>	19.95
Al <sub>2</sub> O <sub>3</sub>	4.75
Fe <sub>2</sub> O <sub>3</sub>	2.27
CaO	64.34
MgO	2.04
SO <sub>3</sub>	3.38
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.24
Cl	0.07
Loss on Ignition	2.99
Not Detected	-0.67
Total	100.67

	%
Insol Residue	0.54
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	98.36

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.2
C <sub>2</sub> S	22.4
C <sub>3</sub> A	5.2
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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