

## 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 16-Jun-24

Week No. 2024-24

Compound	%
SiO <sub>2</sub>	20.71
Al <sub>2</sub> O <sub>3</sub>	4.76
Fe <sub>2</sub> O <sub>3</sub>	2.35
CaO	64.42
MgO	2.02
SO <sub>3</sub>	3.45
K <sub>2</sub> O	0.59
Na <sub>2</sub> O	0.27
Cl	0.06
Loss on Ignition	3.03
Not Detected	-1.66
Total	101.66

	%
Insol Residue	0.58
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.67
LSF (x 100)	95.09

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.5
C <sub>2</sub> S	19.8
C <sub>3</sub> A	4.6
C <sub>4</sub> AF	7.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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