

## 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 10-Mar-24

Week No. 2024-10

Compound	%
SiO <sub>2</sub>	19.72
Al <sub>2</sub> O <sub>3</sub>	5.02
Fe <sub>2</sub> O <sub>3</sub>	2.33
CaO	64.98
MgO	2.27
SO <sub>3</sub>	3.57
K <sub>2</sub> O	0.69
Na <sub>2</sub> O	0.23
Cl	0.06
Loss on Ignition	3.26
Not Detected	-2.11
Total	102.11

	%
Insol Residue	0.73
Free CaO	1.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.68
LSF (x 100)	99.61

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.6
C <sub>2</sub> S	13.0
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	5.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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