

## 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 19-May-24

Week No. 2024-20

Compound	%
SiO <sub>2</sub>	20.02
Al <sub>2</sub> O <sub>3</sub>	5.14
Fe <sub>2</sub> O <sub>3</sub>	2.50
CaO	64.64
MgO	2.37
SO <sub>3</sub>	3.34
K <sub>2</sub> O	0.65
Na <sub>2</sub> O	0.26
Cl	0.07
Loss on Ignition	2.94
Not Detected	-1.93
Total	101.93

	%
Insol Residue	0.67
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.71
LSF (x 100)	97.58

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	56.4
C <sub>2</sub> S	20.2
C <sub>3</sub> A	6.7
C <sub>4</sub> AF	7.1

For and on behalf of  
HEIDELBERG MATERIALS UK



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