

## 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 04-Aug-24

Week No. 2024-31

Compound	%
SiO <sub>2</sub>	20.10
Al <sub>2</sub> O <sub>3</sub>	4.74
Fe <sub>2</sub> O <sub>3</sub>	2.39
CaO	64.25
MgO	2.01
SO <sub>3</sub>	3.40
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.29
Cl	0.06
Loss on Ignition	3.01
Not Detected	-0.89
Total	100.89

	%
Insol Residue	0.54
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	97.39

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.6
C <sub>2</sub> S	19.1
C <sub>3</sub> A	5.9
C <sub>4</sub> AF	7.4

For and on behalf of  
HEIDELBERG MATERIALS UK



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