

## 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 12-May-24

Week No. 2024-19

Compound	%
SiO <sub>2</sub>	20.28
Al <sub>2</sub> O <sub>3</sub>	5.39
Fe <sub>2</sub> O <sub>3</sub>	2.53
CaO	64.75
MgO	2.51
SO <sub>3</sub>	3.46
K <sub>2</sub> O	0.68
Na <sub>2</sub> O	0.25
Cl	0.07
Loss on Ignition	2.94
Not Detected	-2.86
Total	102.86

	%
Insol Residue	0.67
Free CaO	0.9
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.71
LSF (x 100)	96.04

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.3
C <sub>2</sub> S	20.4
C <sub>3</sub> A	7.6
C <sub>4</sub> AF	6.7

For and on behalf of  
HEIDELBERG MATERIALS UK



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