

## 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-Feb-25

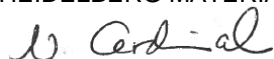
Week No. 2025-6

Compound	%
SiO <sub>2</sub>	19.96
Al <sub>2</sub> O <sub>3</sub>	4.81
Fe <sub>2</sub> O <sub>3</sub>	2.61
CaO	62.58
MgO	2.21
SO <sub>3</sub>	3.39
K <sub>2</sub> O	0.64
Na <sub>2</sub> O	0.26
Cl	0.07
Loss on Ignition	2.92
Not Detected	0.55
Total	99.45

	%
Insol Residue	0.72
Free CaO	1.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	95.07

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.1
C <sub>2</sub> S	19.0
C <sub>3</sub> A	5.6
C <sub>4</sub> AF	8.0

For and on behalf of  
HEIDELBERG MATERIALS UK



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