

## Chemical Report

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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-May-26

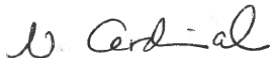
Week No. 2026-18

Compound	%
SiO <sub>2</sub>	19.38
Al <sub>2</sub> O <sub>3</sub>	4.62
Fe <sub>2</sub> O <sub>3</sub>	2.57
CaO	63.09
MgO	2.25
SO <sub>3</sub>	3.37
K <sub>2</sub> O	0.70
Na <sub>2</sub> O	0.22
Cl	0.06
Loss on Ignition	2.14
Not Detected	1.59
Total	98.41

	%
Insol Residue	0.74
Free CaO	2.4
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	98.80

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	61.3
C <sub>2</sub> S	13.4
C <sub>3</sub> A	6.9
C <sub>4</sub> AF	6.1

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
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