

## 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 03-May-26

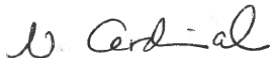
Week No. 2026-17

Compound	%
SiO <sub>2</sub>	19.37
Al <sub>2</sub> O <sub>3</sub>	4.56
Fe <sub>2</sub> O <sub>3</sub>	2.55
CaO	63.33
MgO	2.35
SO <sub>3</sub>	3.39
K <sub>2</sub> O	0.67
Na <sub>2</sub> O	0.24
Cl	0.07
Loss on Ignition	2.14
Not Detected	1.34
Total	98.66

	%
Insol Residue	0.74
Free CaO	1.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.69
LSF (x 100)	99.35

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	60.6
C <sub>2</sub> S	15.5
C <sub>3</sub> A	5.4
C <sub>4</sub> AF	6.5

For and on behalf of  
HEIDELBERG MATERIALS UK



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