

## Chemical Report

Heidelberg Materials  
UK  
Ketton  
Stamford  
PE9 3SX  
Tel: 0330 123 2074  
Fax: 01780 727008

Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N  
Dispatched from Ribblesdale  
Chemical analysis for week ending 12-Apr-26

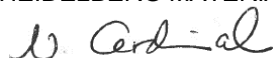
Week No. 2026-14

Compound	%
SiO <sub>2</sub>	19.27
Al <sub>2</sub> O <sub>3</sub>	4.64
Fe <sub>2</sub> O <sub>3</sub>	2.52
CaO	62.61
MgO	2.49
SO <sub>3</sub>	3.32
K <sub>2</sub> O	0.69
Na <sub>2</sub> O	0.25
Cl	0.07
Loss on Ignition	2.49
Not Detected	1.65
Total	98.35

	%
Insol Residue	0.74
Free CaO	2.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.70
LSF (x 100)	98.55

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	58.2
C <sub>2</sub> S	16.7
C <sub>3</sub> A	7.8
C <sub>4</sub> AF	5.6

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
Technical Strategy Director  
Heidelberg Materials UK

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