

## 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 19-Jan-25

Week No. 2025-2

Compound	%
SiO <sub>2</sub>	20.55
Al <sub>2</sub> O <sub>3</sub>	5.00
Fe <sub>2</sub> O <sub>3</sub>	2.68
CaO	63.59
MgO	2.42
SO <sub>3</sub>	3.29
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.24
Cl	0.06
Loss on Ignition	n/a
Not Detected	1.55
Total	98.45

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.66
LSF (x 100)	93.89

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.6
C <sub>2</sub> S	19.0
C <sub>3</sub> A	6.0
C <sub>4</sub> AF	8.0

For and on behalf of  
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT  
National Technical Manager  
Heidelberg Materials UK

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