

## 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 01-Sep-24

Week No. 2024-35

Compound	%
SiO <sub>2</sub>	20.10
Al <sub>2</sub> O <sub>3</sub>	4.81
Fe <sub>2</sub> O <sub>3</sub>	2.51
CaO	64.74
MgO	2.19
SO <sub>3</sub>	3.43
K <sub>2</sub> O	0.61
Na <sub>2</sub> O	0.24
Cl	0.07
Loss on Ignition	3.42
Not Detected	-2.10
Total	102.10

	%
Insol Residue	0.58
Free CaO	0.8
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	97.95

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	59.8
C <sub>2</sub> S	16.1
C <sub>3</sub> A	4.6
C <sub>4</sub> AF	8.3

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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