

## 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 28-Jul-24

Week No. 2024-30

Compound	%
SiO <sub>2</sub>	20.83
Al <sub>2</sub> O <sub>3</sub>	4.90
Fe <sub>2</sub> O <sub>3</sub>	2.46
CaO	64.69
MgO	2.12
SO <sub>3</sub>	3.47
K <sub>2</sub> O	0.62
Na <sub>2</sub> O	0.29
Cl	0.07
Loss on Ignition	3.57
Not Detected	-3.01
Total	103.01

	%
Insol Residue	0.65
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.65
LSF (x 100)	94.62

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	57.8
C <sub>2</sub> S	20.0
C <sub>3</sub> A	4.8
C <sub>4</sub> AF	7.8

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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