

## 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 05-May-24

Week No. 2024-18

Compound	%
SiO <sub>2</sub>	20.11
Al <sub>2</sub> O <sub>3</sub>	5.27
Fe <sub>2</sub> O <sub>3</sub>	2.53
CaO	64.58
MgO	2.47
SO <sub>3</sub>	3.41
K <sub>2</sub> O	0.68
Na <sub>2</sub> O	0.25
Cl	0.07
Loss on Ignition	2.92
Not Detected	-2.28
Total	102.28

	%
Insol Residue	0.62
Free CaO	1.0
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.71
LSF (x 100)	96.75

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	55.4
C <sub>2</sub> S	20.8
C <sub>3</sub> A	7.5
C <sub>4</sub> AF	6.7

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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