

## Chemical Report

Heidelberg Materials

UK

Ketton

Stamford

PE9 3SX

Tel: 0330 123 2074

Fax: 01780 727008

Composition of Ribblesdale PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 28-Jan-24


Week No. 2024-4

Compound	%
SiO <sub>2</sub>	19.05
Al <sub>2</sub> O <sub>3</sub>	4.30
Fe <sub>2</sub> O <sub>3</sub>	2.48
CaO	64.58
MgO	1.82
SO <sub>3</sub>	3.29
K <sub>2</sub> O	0.54
Na <sub>2</sub> O	0.22
Cl	0.06
Loss on Ignition	n/a
Not Detected	3.67
Total	96.33

	%
Insol Residue	n/a
Free CaO	0.7
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.60
LSF (x 100)	103.62

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	48.0
C <sub>2</sub> S	17.7
C <sub>3</sub> A	3.8
C <sub>4</sub> AF	7.5

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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