

## 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 24-Nov-24

Week No. 2024-47

Compound	%
SiO <sub>2</sub>	20.50
Al <sub>2</sub> O <sub>3</sub>	4.67
Fe <sub>2</sub> O <sub>3</sub>	2.85
CaO	65.65
MgO	2.32
SO <sub>3</sub>	3.09
K <sub>2</sub> O	0.58
Na <sub>2</sub> O	0.28
Cl	0.07
Loss on Ignition	n/a
Not Detected	0.00
Total	100.00

	%
Insol Residue	n/a
Free CaO	1.6
Certified Average Alkali Na <sub>2</sub> O (Equiv)	0.63
LSF (x 100)	97.90

Clinker compounds by Rietveld analysis	
C <sub>3</sub> S	52.7
C <sub>2</sub> S	19.2
C <sub>3</sub> A	4.1
C <sub>4</sub> AF	8.9

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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