



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 23-Feb-25

Week No. 2025-7

Compound	%
SiO ₂	18.74
Al ₂ O ₃	4.73
Fe ₂ O ₃	2.35
CaO	62.40
MgO	2.03
SO ₃	3.18
K ₂ O	0.64
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	n/a
Not Detected	5.66
Total	94.34

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.63
LSF (x 100)	100.88

Clinker compounds by Rietveld analysis	
C ₃ S	54.6
C ₂ S	17.6
C ₃ A	6.7
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK

N. Cardinal

Dr Nina Cardinal, Dipl.Ing., CEng, MICT
National Technical Manager
Heidelberg Materials UK

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