

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 08-Dec-24

Week No. 2024-49

Compound	%
SiO ₂	20.13
Al ₂ O ₃	4.90
Fe ₂ O ₃	2.68
CaO	64.71
MgO	2.31
SO ₃	3.22
K ₂ O	0.59
Na ₂ O	0.30
Cl	0.07
Loss on Ignition	n/a
Not Detected	1.11
Total	98.89

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	97.63

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	15.2
C ₃ A	5.4
C ₄ AF	8.4

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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