

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 20-Apr-25

Week No. 2025-15

Compound	%
SiO ₂	18.89
Al ₂ O ₃	4.57
Fe ₂ O ₃	2.61
CaO	61.95
MgO	2.19
SO ₃	3.41
K ₂ O	0.66
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.21
Not Detected	2.19
Total	97.81

	%
Insol Residue	0.49
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	99.26

Clinker compounds by Rietveld analysis	
C ₃ S	57.1
C ₂ S	17.1
C ₃ A	6.7
C ₄ AF	6.8

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT
Technical Strategy Director
Heidelberg Materials UK

Heidelberg Materials UK has used all reasonable care to ensure the information herein contained is accurate but to the extent permitted in law, no liability can be accepted by Heidelberg Materials UK for any loss, damage, cost or expense arising from any inaccuracy, whether due to negligence or otherwise.

