

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 01-Mar-26

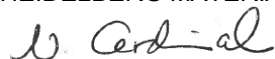
Week No. 2026-8

Compound	%
SiO ₂	19.49
Al ₂ O ₃	4.49
Fe ₂ O ₃	2.53
CaO	63.32
MgO	2.41
SO ₃	3.29
K ₂ O	0.62
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.30
Not Detected	0.20
Total	99.80

	%
Insol Residue	0.65
Free CaO	2.3
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	99.04

Clinker compounds by Rietveld analysis	
C ₃ S	62.4
C ₂ S	13.5
C ₃ A	6.0
C ₄ AF	7.4

For and on behalf of
HEIDELBERG MATERIALS UK



Dr Nina Cardinal, Dipl.Ing., CEng, MICT

Technical Strategy Director

Heidelberg Materials UK

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