

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 22-Mar-26

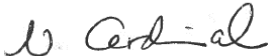
Week No. 2026-11

Compound	%
SiO ₂	19.25
Al ₂ O ₃	4.49
Fe ₂ O ₃	2.65
CaO	62.44
MgO	2.27
SO ₃	3.34
K ₂ O	0.67
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.30
Not Detected	1.26
Total	98.74

	%
Insol Residue	0.77
Free CaO	1.9
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	98.53

Clinker compounds by Rietveld analysis	
C ₃ S	59.0
C ₂ S	17.6
C ₃ A	5.6
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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