

Chemical Report

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ribblesdale
Chemical analysis for week ending 31-May-26

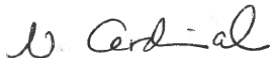
Week No. 2026-21

Compound	%
SiO ₂	19.14
Al ₂ O ₃	4.50
Fe ₂ O ₃	2.30
CaO	62.61
MgO	2.38
SO ₃	3.29
K ₂ O	0.62
Na ₂ O	0.28
Cl	0.07
Loss on Ignition	2.14
Not Detected	2.68
Total	97.32

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	99.74

Clinker compounds by Rietveld analysis	
C ₃ S	60.9
C ₂ S	13.9
C ₃ A	7.5
C ₄ AF	5.9

For and on behalf of
HEIDELBERG MATERIALS UK



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