

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 28-Jun-26

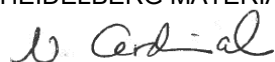
Week No. 2026-25

Compound	%
SiO ₂	19.28
Al ₂ O ₃	4.56
Fe ₂ O ₃	2.55
CaO	62.80
MgO	2.39
SO ₃	3.52
K ₂ O	0.65
Na ₂ O	0.26
Cl	0.06
Loss on Ignition	2.94
Not Detected	1.00
Total	99.00

	%
Insol Residue	0.73
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.73

Clinker compounds by Rietveld analysis	
C ₃ S	63.0
C ₂ S	11.9
C ₃ A	6.5
C ₄ AF	6.7

For and on behalf of
HEIDELBERG MATERIALS UK



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