

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 26-Jul-26

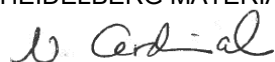
Week No. 2026-29

Compound	%
SiO ₂	19.41
Al ₂ O ₃	4.35
Fe ₂ O ₃	2.45
CaO	62.94
MgO	2.19
SO ₃	3.41
K ₂ O	0.65
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	2.94
Not Detected	1.34
Total	98.66

	%
Insol Residue	0.73
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.99

Clinker compounds by Rietveld analysis	
C ₃ S	64.3
C ₂ S	11.2
C ₃ A	6.7
C ₄ AF	6.6

For and on behalf of
HEIDELBERG MATERIALS UK



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