

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 15-Jan-23

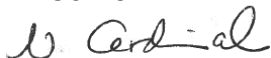
Week No. 2023-2

Compound	%
SiO ₂	21.48
Al ₂ O ₃	5.06
Fe ₂ O ₃	2.42
CaO	65.69
MgO	2.56
SO ₃	3.35
K ₂ O	0.65
Na ₂ O	0.22
Cl	0.06
Loss on Ignition	n/a
Not Detected	-1.50
Total	101.50

	%
Insol Residue	n/a
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	93.47

Clinker compounds by Rietveld analysis	
C ₃ S	56.5
C ₂ S	20.4
C ₃ A	5.2
C ₄ AF	6.2

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
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