

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 22-Jan-23

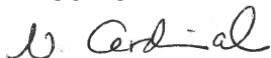
Week No. 2023-3

Compound	%
SiO ₂	21.64
Al ₂ O ₃	5.05
Fe ₂ O ₃	2.41
CaO	66.08
MgO	2.57
SO ₃	3.42
K ₂ O	0.66
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	2.88
Not Detected	-4.99
Total	104.99

	%
Insol Residue	0.64
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	93.37

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	19.0
C ₃ A	5.2
C ₄ AF	6.3

For and on behalf of
HANSON CEMENT



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

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