

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 04-Dec-22

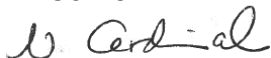
Week No. 2022-48

Compound	%
SiO ₂	21.77
Al ₂ O ₃	5.03
Fe ₂ O ₃	2.42
CaO	65.72
MgO	2.65
SO ₃	3.43
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.06
Loss on Ignition	2.74
Not Detected	-4.73
Total	104.73

	%
Insol Residue	0.68
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	92.38

Clinker compounds by Rietveld analysis	
C ₃ S	57.9
C ₂ S	18.9
C ₃ A	4.9
C ₄ AF	6.1

For and on behalf of
HANSON CEMENT



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

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