

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 16-Oct-22

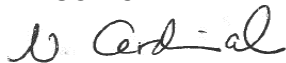
Week No. 2022-41

Compound	%
SiO ₂	21.64
Al ₂ O ₃	5.11
Fe ₂ O ₃	2.54
CaO	65.46
MgO	2.76
SO ₃	3.49
K ₂ O	0.67
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	2.92
Not Detected	-4.90
Total	104.90

	%
Insol Residue	0.63
Free CaO	1.7
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	92.19

Clinker compounds by Rietveld analysis	
C ₃ S	56.0
C ₂ S	18.7
C ₃ A	5.3
C ₄ AF	6.2

For and on behalf of
HANSON CEMENT



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

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