

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 07-Aug-22

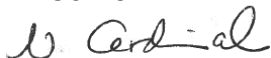
Week No. 2022-31

Compound	%
SiO ₂	22.08
Al ₂ O ₃	5.41
Fe ₂ O ₃	2.62
CaO	65.78
MgO	2.59
SO ₃	3.42
K ₂ O	0.67
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	3.10
Not Detected	-5.97
Total	105.97

	%
Insol Residue	0.54
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	90.53

Clinker compounds by Rietveld analysis	
C ₃ S	51.5
C ₂ S	22.0
C ₃ A	5.7
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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