

Chemical Report

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Composition of Ribblesdale PLC 52,5N, EN 197-1:2011, CEM II/A-LL 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 05-Feb-23

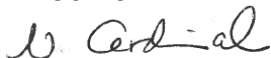
Week No. 2023-5

Compound	%
SiO ₂	20.29
Al ₂ O ₃	4.98
Fe ₂ O ₃	2.34
CaO	65.45
MgO	2.43
SO ₃	3.51
K ₂ O	0.65
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	n/a
Not Detected	0.02
Total	99.98

	%
Insol Residue	n/a
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	98.34

Clinker compounds by Rietveld analysis	
C ₃ S	55.6
C ₂ S	16.4
C ₃ A	6.1
C ₄ AF	5.3

For and on behalf of
HANSON CEMENT



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