

Chemical Report

Hanson Cement
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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 24-Jul-22

Week No. 2022-29

Compound	%
SiO ₂	20.23
Al ₂ O ₃	4.96
Fe ₂ O ₃	2.35
CaO	64.93
MgO	2.34
SO ₃	3.23
K ₂ O	0.65
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	n/a
Not Detected	1.03
Total	98.97

	%
Insol Residue	n/a
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	97.78

Clinker compounds by Rietveld analysis	
C ₃ S	52.6
C ₂ S	16.1
C ₃ A	7.0
C ₄ AF	4.6

For and on behalf of
HANSON CEMENT



*Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
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