

Chemical Report

Hanson Cement
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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ribblesdale
Chemical analysis for week ending 26-Mar-23


Week No. 2023-12

Compound	%
SiO ₂	20.23
Al ₂ O ₃	4.87
Fe ₂ O ₃	2.25
CaO	64.81
MgO	2.30
SO ₃	3.36
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.06
Loss on Ignition	3.43
Not Detected	-2.20
Total	102.20

	%
Insol Residue	0.51
Free CaO	0.6
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	97.73

Clinker compounds by Rietveld analysis	
C ₃ S	54.7
C ₂ S	20.8
C ₃ A	7.1
C ₄ AF	5.6

For and on behalf of
HANSON CEMENT



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