

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 23-Jul-23

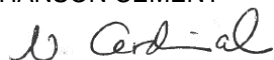
Week No. 2023-29

Compound	%
SiO ₂	20.14
Al ₂ O ₃	4.74
Fe ₂ O ₃	2.37
CaO	64.00
MgO	2.19
SO ₃	3.27
K ₂ O	0.62
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	2.88
Not Detected	-0.52
Total	100.52

	%
Insol Residue	0.72
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.04

Clinker compounds by Rietveld analysis	
C ₃ S	57.2
C ₂ S	18.4
C ₃ A	5.3
C ₄ AF	6.7

For and on behalf of
HANSON CEMENT



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

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