

Chemical Report

Heidelberg Materials

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N

Dispatched from Ribblesdale

Chemical analysis for week ending 24-Dec-23

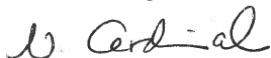
Week No. 2023-51

Compound	%
SiO ₂	19.65
Al ₂ O ₃	4.78
Fe ₂ O ₃	2.21
CaO	64.53
MgO	1.96
SO ₃	3.30
K ₂ O	0.61
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	2.92
Not Detected	-0.30
Total	100.30

	%
Insol Residue	0.66
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	100.03

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	13.6
C ₃ A	9.1
C ₄ AF	5.0

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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