

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 05-Jan-25

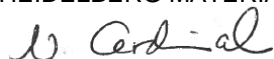
Week No. 2025-1

Compound	%
SiO ₂	20.75
Al ₂ O ₃	5.17
Fe ₂ O ₃	2.67
CaO	63.74
MgO	2.46
SO ₃	3.46
K ₂ O	0.62
Na ₂ O	0.21
Cl	0.06
Loss on Ignition	n/a
Not Detected	0.86
Total	99.14

	%
Insol Residue	n/a
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	92.85

Clinker compounds by Rietveld analysis	
C ₃ S	56.3
C ₂ S	18.9
C ₃ A	6.3
C ₄ AF	8.3

For and on behalf of
HEIDELBERG MATERIALS UK



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