

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 21-Apr-24

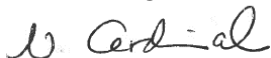
Week No. 2024-16

Compound	%
SiO ₂	19.60
Al ₂ O ₃	5.04
Fe ₂ O ₃	2.64
CaO	64.45
MgO	2.33
SO ₃	3.44
K ₂ O	0.74
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	3.33
Not Detected	-1.87
Total	101.87

	%
Insol Residue	0.64
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	99.06

Clinker compounds by Rietveld analysis	
C ₃ S	56.7
C ₂ S	18.3
C ₃ A	8.0
C ₄ AF	6.7

For and on behalf of
HEIDELBERG MATERIALS UK



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