

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 14-Jan-24

Week No. 2024-2

Compound	%
SiO ₂	19.33
Al ₂ O ₃	5.11
Fe ₂ O ₃	2.29
CaO	64.48
MgO	2.14
SO ₃	3.58
K ₂ O	0.62
Na ₂ O	0.28
Cl	0.04
Loss on Ignition	2.90
Not Detected	-0.77
Total	100.77

	%
Insol Residue	0.54
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	100.41

Clinker compounds by Rietveld analysis	
C ₃ S	60.3
C ₂ S	12.6
C ₃ A	9.1
C ₄ AF	5.5

For and on behalf of
HEIDELBERG MATERIALS UK



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