

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 03-Mar-24

Week No. 2024-9

Compound	%
SiO ₂	19.59
Al ₂ O ₃	5.14
Fe ₂ O ₃	2.35
CaO	65.15
MgO	2.26
SO ₃	3.54
K ₂ O	0.69
Na ₂ O	0.24
Cl	0.05
Loss on Ignition	3.26
Not Detected	-2.27
Total	102.27

	%
Insol Residue	0.73
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	100.23

Clinker compounds by Rietveld analysis	
C ₃ S	60.2
C ₂ S	15.4
C ₃ A	7.7
C ₄ AF	6.0

For and on behalf of
HEIDELBERG MATERIALS UK



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