

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-Apr-24

Week No. 2024-15

Compound	%
SiO ₂	19.51
Al ₂ O ₃	5.18
Fe ₂ O ₃	2.56
CaO	64.18
MgO	2.42
SO ₃	3.49
K ₂ O	0.72
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.08
Not Detected	-1.45
Total	101.45

	%
Insol Residue	0.52
Free CaO	1.2
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.76

Clinker compounds by Rietveld analysis	
C ₃ S	55.8
C ₂ S	19.3
C ₃ A	7.3
C ₄ AF	6.3

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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