

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 23-Jun-24

Week No. 2024-25

Compound	%
SiO ₂	20.16
Al ₂ O ₃	4.57
Fe ₂ O ₃	2.36
CaO	64.12
MgO	1.96
SO ₃	3.37
K ₂ O	0.59
Na ₂ O	0.30
Cl	0.06
Loss on Ignition	3.03
Not Detected	-0.52
Total	100.52

	%
Insol Residue	0.58
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.34

Clinker compounds by Rietveld analysis	
C ₃ S	58.3
C ₂ S	20.3
C ₃ A	4.4
C ₄ AF	7.8

For and on behalf of
HEIDELBERG MATERIALS UK



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National Technical Manager

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