

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-Jul-24

Week No. 2024-28

Compound	%
SiO ₂	19.54
Al ₂ O ₃	4.30
Fe ₂ O ₃	2.53
CaO	64.02
MgO	1.78
SO ₃	3.30
K ₂ O	0.56
Na ₂ O	0.26
Cl	0.07
Loss on Ignition	3.69
Not Detected	-0.05
Total	100.05

	%
Insol Residue	0.52
Free CaO	0.5
Certified Average Alkali Na ₂ O (Equiv)	0.65
LSF (x 100)	100.41

Clinker compounds by Rietveld analysis	
C ₃ S	57.7
C ₂ S	20.1
C ₃ A	3.6
C ₄ AF	8.7

For and on behalf of
HEIDELBERG MATERIALS UK



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