

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 17-Mar-24

Week No. 2024-11

Compound	%
SiO ₂	19.76
Al ₂ O ₃	4.96
Fe ₂ O ₃	2.38
CaO	64.48
MgO	2.39
SO ₃	3.47
K ₂ O	0.65
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	3.35
Not Detected	-1.71
Total	101.71

	%
Insol Residue	0.67
Free CaO	1.1
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	98.86

Clinker compounds by Rietveld analysis	
C ₃ S	60.5
C ₂ S	16.4
C ₃ A	6.8
C ₄ AF	6.3

For and on behalf of
HEIDELBERG MATERIALS UK



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