

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 02-Jun-24

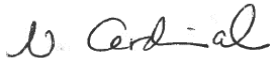
Week No. 2024-22

Compound	%
SiO ₂	20.31
Al ₂ O ₃	4.70
Fe ₂ O ₃	2.24
CaO	64.58
MgO	2.00
SO ₃	3.44
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	2.99
Not Detected	-1.20
Total	101.20

	%
Insol Residue	0.54
Free CaO	0.7
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	97.33

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	22.6
C ₃ A	4.9
C ₄ AF	7.3

For and on behalf of
HEIDELBERG MATERIALS UK



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