

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 24-Nov-24

Week No. 2024-47

Compound	%
SiO ₂	20.55
Al ₂ O ₃	4.92
Fe ₂ O ₃	2.97
CaO	64.50
MgO	2.52
SO ₃	3.50
K ₂ O	0.58
Na ₂ O	0.29
Cl	0.07
Loss on Ignition	3.00
Not Detected	-2.90
Total	102.90

	%
Insol Residue	0.49
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	94.92

Clinker compounds by Rietveld analysis	
C ₃ S	57.7
C ₂ S	17.0
C ₃ A	5.0
C ₄ AF	8.6

For and on behalf of
HEIDELBERG MATERIALS UK



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