

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-Nov-24

Week No. 2024-46

Compound	%
SiO ₂	20.18
Al ₂ O ₃	4.71
Fe ₂ O ₃	2.95
CaO	65.03
MgO	2.44
SO ₃	3.44
K ₂ O	0.53
Na ₂ O	0.30
Cl	0.07
Loss on Ignition	3.00
Not Detected	-2.64
Total	102.64

	%
Insol Residue	0.49
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.76

Clinker compounds by Rietveld analysis	
C ₃ S	55.5
C ₂ S	18.6
C ₃ A	5.0
C ₄ AF	8.7

For and on behalf of
HEIDELBERG MATERIALS UK



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