

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 10-Nov-24

Week No. 2024-45

Compound	%
SiO ₂	19.38
Al ₂ O ₃	4.52
Fe ₂ O ₃	2.87
CaO	63.84
MgO	2.37
SO ₃	3.30
K ₂ O	0.53
Na ₂ O	0.32
Cl	0.05
Loss on Ignition	3.00
Not Detected	-0.18
Total	100.18

	%
Insol Residue	0.90
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	99.96

Clinker compounds by Rietveld analysis	
C ₃ S	57.6
C ₂ S	16.4
C ₃ A	4.8
C ₄ AF	9.1

For and on behalf of
HEIDELBERG MATERIALS UK



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