

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 23-Mar-25

Week No. 2025-11

Compound	%
SiO ₂	19.39
Al ₂ O ₃	4.64
Fe ₂ O ₃	2.55
CaO	62.16
MgO	2.18
SO ₃	3.41
K ₂ O	0.64
Na ₂ O	0.28
Cl	0.07
Loss on Ignition	2.95
Not Detected	1.73
Total	98.27

	%
Insol Residue	0.62
Free CaO	1.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	97.13

Clinker compounds by Rietveld analysis	
C ₃ S	57.9
C ₂ S	17.9
C ₃ A	6.3
C ₄ AF	6.6

For and on behalf of
HEIDELBERG MATERIALS UK



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