



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 14-Dec-25

Week No. 2025-49

Compound	%
SiO ₂	19.38
Al ₂ O ₃	4.40
Fe ₂ O ₃	2.59
CaO	63.44
MgO	2.22
SO ₃	3.28
K ₂ O	0.62
Na ₂ O	0.27
Cl	0.06
Loss on Ignition	3.16
Not Detected	0.58
Total	99.42

	%
Insol Residue	0.71
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	99.88

Clinker compounds by Rietveld analysis	
C ₃ S	60.2
C ₂ S	15.2
C ₃ A	6.4
C ₄ AF	6.5

For and on behalf of
HEIDELBERG MATERIALS UK

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