

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 25-Jan-26

Week No. 2026-3

Compound	%
SiO ₂	19.48
Al ₂ O ₃	4.38
Fe ₂ O ₃	2.50
CaO	63.27
MgO	2.47
SO ₃	3.32
K ₂ O	0.60
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.34
Not Detected	0.31
Total	99.69

	%
Insol Residue	0.65
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	99.22

Clinker compounds by Rietveld analysis	
C ₃ S	64.0
C ₂ S	12.1
C ₃ A	5.0
C ₄ AF	8.4

For and on behalf of
HEIDELBERG MATERIALS UK



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