

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 18-Jan-26

Week No. 2026-2

Compound	%
SiO ₂	19.33
Al ₂ O ₃	4.34
Fe ₂ O ₃	2.63
CaO	63.26
MgO	2.48
SO ₃	3.32
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.24
Not Detected	0.44
Total	99.56

	%
Insol Residue	0.70
Free CaO	2.5
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	99.81

Clinker compounds by Rietveld analysis	
C ₃ S	63.5
C ₂ S	11.5
C ₃ A	6.1
C ₄ AF	7.5

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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