

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-Aug-25

Week No. 2025-31

Compound	%
SiO ₂	19.49
Al ₂ O ₃	4.73
Fe ₂ O ₃	2.45
CaO	63.89
MgO	2.23
SO ₃	3.37
K ₂ O	0.63
Na ₂ O	0.27
Cl	0.07
Loss on Ignition	3.91
Not Detected	-1.05
Total	101.05

	%
Insol Residue	0.62
Free CaO	1.5
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	99.54

Clinker compounds by Rietveld analysis	
C ₃ S	61.4
C ₂ S	14.6
C ₃ A	5.9
C ₄ AF	6.0

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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