

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 17-Aug-25

Week No. 2025-32

Compound	%
SiO ₂	19.34
Al ₂ O ₃	4.76
Fe ₂ O ₃	2.43
CaO	63.29
MgO	2.31
SO ₃	3.46
K ₂ O	0.66
Na ₂ O	0.24
Cl	0.07
Loss on Ignition	3.91
Not Detected	-0.47
Total	100.47

	%
Insol Residue	0.68
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	99.07

Clinker compounds by Rietveld analysis	
C ₃ S	61.4
C ₂ S	15.4
C ₃ A	6.2
C ₄ AF	6.0

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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