

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 26-Oct-25

Week No. 2025-42

Compound	%
SiO ₂	20.12
Al ₂ O ₃	4.81
Fe ₂ O ₃	2.56
CaO	64.21
MgO	2.55
SO ₃	3.43
K ₂ O	0.65
Na ₂ O	0.29
Cl	0.07
Loss on Ignition	2.26
Not Detected	-0.95
Total	100.95

	%
Insol Residue	0.57
Free CaO	2.1
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	96.90

Clinker compounds by Rietveld analysis	
C ₃ S	61.5
C ₂ S	15.5
C ₃ A	4.9
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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