

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 16-Nov-25

Week No. 2025-45

Compound	%
SiO ₂	19.75
Al ₂ O ₃	4.68
Fe ₂ O ₃	2.49
CaO	63.35
MgO	2.34
SO ₃	3.24
K ₂ O	0.64
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.43
Not Detected	-0.23
Total	100.23

	%
Insol Residue	0.66
Free CaO	1.6
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	97.71

Clinker compounds by Rietveld analysis	
C ₃ S	58.3
C ₂ S	16.9
C ₃ A	6.1
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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