

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 03-Aug-25

Week No. 2025-30

Compound	%
SiO ₂	19.35
Al ₂ O ₃	4.54
Fe ₂ O ₃	2.43
CaO	63.66
MgO	2.21
SO ₃	3.43
K ₂ O	0.62
Na ₂ O	0.23
Cl	0.07
Loss on Ignition	3.51
Not Detected	-0.06
Total	100.06

	%
Insol Residue	0.54
Free CaO	1.9
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	100.08

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	15.0
C ₃ A	5.4
C ₄ AF	6.4

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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