

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 01-Feb-26

Week No. 2026-4

Compound	%
SiO ₂	19.14
Al ₂ O ₃	4.46
Fe ₂ O ₃	2.68
CaO	63.81
MgO	2.35
SO ₃	3.24
K ₂ O	0.61
Na ₂ O	0.27
Cl	0.06
Loss on Ignition	3.34
Not Detected	0.04
Total	99.96

	%
Insol Residue	0.65
Free CaO	2.4
Certified Average Alkali Na ₂ O (Equiv)	0.66
LSF (x 100)	101.42

Clinker compounds by Rietveld analysis	
C ₃ S	65.0
C ₂ S	10.7
C ₃ A	5.2
C ₄ AF	8.1

For and on behalf of
HEIDELBERG MATERIALS UK



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Technical Strategy Director

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