

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 23-Nov-25

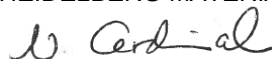
Week No. 2025-46

Compound	%
SiO ₂	19.29
Al ₂ O ₃	4.41
Fe ₂ O ₃	2.34
CaO	63.17
MgO	2.37
SO ₃	3.34
K ₂ O	0.63
Na ₂ O	0.25
Cl	0.07
Loss on Ignition	3.43
Not Detected	0.70
Total	99.30

	%
Insol Residue	0.66
Free CaO	2.4
Certified Average Alkali Na ₂ O (Equiv)	0.69
LSF (x 100)	100.01

Clinker compounds by Rietveld analysis	
C ₃ S	64.1
C ₂ S	11.0
C ₃ A	7.2
C ₄ AF	6.1

For and on behalf of
HEIDELBERG MATERIALS UK



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