

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 11-May-25

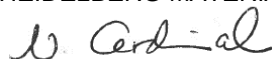
Week No. 2025-18

Compound	%
SiO ₂	19.23
Al ₂ O ₃	4.49
Fe ₂ O ₃	2.53
CaO	62.40
MgO	2.07
SO ₃	3.33
K ₂ O	0.64
Na ₂ O	0.24
Cl	0.06
Loss on Ignition	2.88
Not Detected	2.15
Total	97.85

	%
Insol Residue	0.49
Free CaO	1.8
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	98.70

Clinker compounds by Rietveld analysis	
C ₃ S	57.6
C ₂ S	18.1
C ₃ A	5.7
C ₄ AF	7.0

For and on behalf of
HEIDELBERG MATERIALS UK



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