

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 6-Oct-24

Week No. 2024-40

Compound	%
SiO ₂	20.15
Al ₂ O ₃	5.03
Fe ₂ O ₃	3.00
CaO	65.33
MgO	2.27
SO ₃	3.34
K ₂ O	0.68
Na ₂ O	0.19
Cl	0.06
Loss on Ignition	3.33
Not Detected	-3.38
Total	103.38

	%
Insol Residue	0.61
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.64
LSF (x 100)	97.80

Clinker compounds by Rietveld analysis	
C ₃ S	61.7
C ₂ S	12.8
C ₃ A	4.4
C ₄ AF	9.8

For and on behalf of
HEIDELBERG MATERIALS UK



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