

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 28-Apr-24

Week No. 2024-17

Compound	%
SiO ₂	20.15
Al ₂ O ₃	5.32
Fe ₂ O ₃	2.62
CaO	64.71
MgO	2.47
SO ₃	3.52
K ₂ O	0.74
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	3.33
Not Detected	-3.15
Total	103.15

	%
Insol Residue	0.64
Free CaO	0.9
Certified Average Alkali Na ₂ O (Equiv)	0.70
LSF (x 100)	96.51

Clinker compounds by Rietveld analysis	
C ₃ S	55.7
C ₂ S	20.4
C ₃ A	7.3
C ₄ AF	6.9

For and on behalf of
HEIDELBERG MATERIALS UK



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