

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 31-Mar-24

Week No. 2024-13

Compound	%
SiO ₂	19.66
Al ₂ O ₃	4.90
Fe ₂ O ₃	2.43
CaO	64.42
MgO	2.19
SO ₃	3.34
K ₂ O	0.67
Na ₂ O	0.25
Cl	0.06
Loss on Ignition	3.35
Not Detected	-1.27
Total	101.27

	%
Insol Residue	0.67
Free CaO	1.3
Certified Average Alkali Na ₂ O (Equiv)	0.67
LSF (x 100)	99.34

Clinker compounds by Rietveld analysis	
C ₃ S	56.4
C ₂ S	18.9
C ₃ A	7.4
C ₄ AF	6.5

 For and on behalf of
HEIDELBERG MATERIALS UK



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